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NEW YORK UNIVERSITY BULLETIN

WASHINGTON SQUARE
COLLEGE

ANNOUNCEMENTS FOR THE YEAR
1917-1918

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CALENDAR

All dates are inclusive

1917

Entrance Examinations	Mon. to Fri.	Sept. 17 to 21
First Lectures	Wednesday	Sept. 26
University Day: Holiday	Friday	Oct. 12
Last Day for Enrollment and Payment of First Term Fees	Saturday	Oct. 13
Election Day: Holiday	Tuesday	Nov. 6
Thanksgiving Recess	Thurs. to Sat.	Nov. 29 to Dec. 1
Christmas Recess	Mon. to Tues.	Dec. 24 to Jan. 1

1918

Entrance Examinations	Mon. to Fri.	Jan. 21 to 25
First Term Examinations	Mon. to Sat.	Jan. 21 to Feb. 2
Second Term begins	Monday	Feb. 4
Last Day for Enrollment for Second Term	Saturday	Feb. 16
Lincoln's Birthday: Holiday	Tuesday	Feb. 12
Washington's Birthday: Holiday	Friday	Feb. 22
Easter Recess	Fri. and Sat.	March 29 and 30
Final Examinations	Mon. to Sat.	May 20 to June 1
COMMENCEMENT	Wednesday	June 12

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Recorder

† On leave of absence.

Committees, 1917-1918

Admission—PROFESSORS EDMONDSON, THORNE AND THE SECRETARY.

Scholarship—PROFESSORS WOODMAN, KOHL AND BINDER.

Discipline—PROFESSORS SHAW, WILDMAN AND WHYTE.

Curriculum—PROFESSORS BOUTON, BRISTOL, HORNE, HOTCHKISS,
WILDMAN, JONES, WHYTE AND THE SECRETARY.

The Acting Dean is a member, *ex-officio*, of all committees.

WASHINGTON SQUARE COLLEGE

The Washington Square College was organized on December 22, 1913. This action was the final step in the establishment at Washington Square of work of collegiate grade, similar to that offered by the University College of Arts and Pure Science at University Heights. Such collegiate instruction had previously been under the direction of the Washington Square Collegiate Division which was established in 1903 to meet the needs of many teachers and other professional men and women who desired to complete a college education.

At first only the equivalent of the Junior and Senior years was offered; but, as time went on, it became necessary to extend the work to include courses of Sophomore grade. Later, it became apparent that to meet the increasing demands for higher education made by students of mature years who were engaged in various professional pursuits and who desired additional training either in the fundamental cultural work of the college or in advanced vocational study, it would be necessary to extend still further the courses offered in the Collegiate Division by adding the Freshman year, and establishing a regularly organized college.

Courses of Study

The Washington Square College offers courses of study to two distinct classes of students:

1. To High School Graduates

The course of study under Section A is intended for high school graduates who desire a standard college course of a cultural character.

The courses of study under Section B are intended for high school graduates who desire to combine with cultural studies, specialized training in commerce, law, journalism, government or pedagogy.

2. To Graduates of Professional Schools

To graduates of normal schools, training schools, schools of commerce, law schools, medical schools, dental schools and theological

seminaries, the Washington Square College offers a course leading to the degree of Bachelor of Arts or Bachelor of Science. Graduates of these professional schools are granted one year of advanced credit toward degrees.

To graduates of normal schools and training schools who desire to specialize further in education, a special course described under Section D is offered. This course leads to the degree of Bachelor of Science in Pedagogy.

Location

The University Building at Washington Square is situated near the center of the metropolitan district, and is very accessible from every part of Greater New York and eastern New Jersey. It is easily reached from the Eighth or Bleecker Street Stations on the Sixth Avenue Elevated, and from the Ninth Street Station on the Third Avenue Elevated, while the Broadway cars and the Brooklyn cars on Eighth Street pass within a few hundred feet of the University entrance on Waverly Place. The Astor Place Station of the Subway is within three minutes' walk, and the Hudson Tunnel station at Ninth Street is only a few blocks distant.

Registration, Matriculation and Enrollment

Each student is required to register at the Central Recording office on the ninth floor of the University Building. The registration days may be found in the Calendar.

Each student is required to pay a \$5.00 matriculation fee. This fee is paid but once only; but students who do not enroll for courses in the College for any given year forfeit thereby the original conditions of their matriculation unless they pay \$5.00 to have their names retained upon the list of registered students.

At the beginning of the year, each student is required to make out an enrollment card, showing the courses which he plans to take during the year. Students desiring to drop courses or to change from one course to another must obtain the approval of the instructor or instructors concerned and must notify the Secretary in writing. Unless such notice is given, students will be held responsible for all courses which appear on their enrollment cards.

Students will not be permitted to enroll for courses offered during either term later than the dates set in the Calendar.

No student will be formally registered, matriculated, or enrolled in the College until credentials are presented showing that he is entitled to admission. A student may be enrolled for courses provisionally pending the action of the Admissions Committee upon his credentials.

Special Advisers

The work of each student, after he has chosen his major, will be under the general supervision of the head of the department in which the major is taken. The head of that department will act as an adviser to the students majoring in his division and his approval of the courses which the students desire to take must be obtained. These advisers will be assigned immediately after the student has notified the Secretary in writing of his choice of a major.

Fees

Matriculation fee (paid once only)	\$5.00
Fee for instruction:	
For every two points of credit (one hour of instruction throughout the year)	12.00
Laboratory fee in Biology, Anatomy and Physiology, and Physics	5.00
Laboratory fee in Chemistry	*10.00
Deposit in Laboratory Chemistry (to be returned upon the surrender of apparatus and the payment of breakage)	*2.00
Graduation and Diploma Fee	10.00
Fee for Special Examination	5.00

All fees are to be paid to the Bursar of the University. One half of the tuition fees for the year must be paid on or before October 14, and the other half on or before February 15. When the total amount of fees does not exceed \$24.00, the whole amount must be paid by October 14.

Term Reports and Examinations

At the end of each term, a statement will be sent to each student notifying him of the results of his examinations; and at the end of each year, there will be sent, in addition to the report on examina-

*The laboratory fee is \$20 and the deposit \$5 in the case of students taking courses offered by the Graduate School.

tions, a statement of the work which remains to be completed for the degree. Unless notice to the contrary is received from the student within a reasonable time after such term reports have been sent out, it will be assumed that they are correct and no changes will be made.

Examinations will be held at the end of each term, the last week in the first term and the last two weeks in the second term being set aside for that purpose. Students who fail in an examination may take one re-examination without charge. For each additional re-examination, the student will be required to pay a special fee of \$5.00. Students absent from any examination may petition the Scholarship Committee for a special examination. Such petition must indicate the cause for absence and must have the written approval of the instructor in charge. Failure to present such petition or to have it granted entails a grade of "E" in the course. If granted, the Committee reserves the right to waive or impose the special fee of \$5.00.

Regulations Governing Scholarship

The attention of students is called to the following rules on scholarship:

1. Enrollment is prerequisite for credit for attendance in any course. After the close of the regular enrollment period of each term, no regular or special student may attend the exercises of any class in which he is not enrolled. This rule does not apply to auditors, who may enroll within one month after the close of the regular enrollment period, provided the consent of the instructor is obtained.

Unless subsequently excused by the Secretary, regular and special students are accountable for all courses listed upon their enrollment cards at the close of the enrollment period. Failure to observe this rule will result in a grade of F.

2. Students are graded in each course according to the work accomplished in the regular exercises and the result of an examination held at the end of each term.

3. Students are marked: A (excellent); B (very good); C (fair); D (lowest passing mark); E (for a condition that may be removed by re-examination); F (for a condition that may be removed only by repeating the course in class).

Grades of E are changed to F if the condition be not removed within one year from the time when the condition was received, provided the student be in continuous attendance. Where the student is not in continuous attendance, two years may be allowed.

4. Regular examinations for the removal of conditions will be held:

(a) During the period for entrance examinations in the fall term. All students having outstanding conditions at the beginning of the college year are urged to report for the regular condition examinations in September.

(b) During the regular examination period at the end of the academic year. The student must make application to the instructor in each of the courses in which a condition was received in order to secure this condition examination.

Special examinations other than the above for the removal of conditions will be granted only in extraordinary cases by faculty action.

The result of such special examination will not be recorded until the next regular condition examination period.

The preceding paragraph does not apply to conditions incurred by seniors at the end of their last term.

5. Any course required for the degree, if not taken, has the force of a condition.

6. In case of a conflict in hours arising through conditions or deficiencies, the student must first complete the courses in which he is conditioned or deficient.

7. Students who have more than 20 per cent. of unexcused absences will be barred from examinations. Excuses for absence must be sent in writing to the office of the Secretary.

8. Students regularly employed are not permitted to carry more than 8 hours per week in the College, unless special permission to do so is granted by the Dean and Secretary. No student is permitted to carry more than 16 hours per week in the College unless such permission is granted.

Admission

Women are admitted to all courses in the Washington Square College as candidates for degrees under the same conditions and on the same terms as men.

An applicant for admission to the Washington Square College must be at least 16 years of age. Inasmuch, however, as one of the principal objects of the College is to offer the advantages of a college education to mature men and women engaged in gainful occupations, the Faculty reserves the right, in case the College cannot accommodate all those who apply, to refuse admission to applicants under 21 years of age who are not thus engaged.

Requirements*

The requirements for admission are stated in terms of units. A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. It takes the four year high school course as a basis, and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length, and that the study is pursued from four to five periods a week; but under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than one hundred and twenty sixty-minute hours or their equivalent.

The following 5 units are required of all students:

English,	3 units.
Algebra,	1 "
Plane Geometry	1 "
Classical or Modern Foreign Language,	3 "
	—
Total,	8 "

Students desiring the degree of Bachelor of Arts must offer for entrance the following units:

English,	3 units.
Algebra,	1 "
Plane Geometry,	1 "
Classical Languages,	4 "
	—
Total,	9 units.

*For requirements for admission in the case of graduates of normal schools, training schools, School of Commerce, etc., see p. 32.

The remainder of the 15 units must be made up from subjects listed below:

Latin.....	2, 3, or 4	Algebra (Advanced).....	$\frac{1}{2}$
Greek.....	1, 2, or 3	Solid Geometry.....	$\frac{1}{2}$
Elementary German	2	Trigonometry.....	$\frac{1}{2}$
Intermediate German ...	1	Physics.....	1
Elementary French.....	2	Chemistry.....	1
Intermediate French....	1	Botany.....	1
Spanish.....	2 or 3	Zoölogy.....	1
Italian.....	2 or 3	Biology.....	1
History.....	1 or 2	Geography.....	1
Algebra, a, ii,—Quadratics, etc.	$\frac{1}{2}$	Drawing.....	1

Commercial and Vocational subjects, not to exceed three units, may be offered as electives; providing, however, that not less than one unit may be offered in any one subject.

Detailed definitions, showing what is included under each of the above subjects will be found on page 20, under the heading "Definition of Requirements."

Evidence of the completion of this work may be given by the candidate in any one of the following ways:

1. By Certificate of an Approved School

Graduates from approved secondary schools may be admitted to the Washington Square College upon certificate, without examinations, subject to the following conditions: 1. The application for the admission of a student by certificate must be specific in character, stating that the student has attended the school at least one year, and has completed at least fifteen units of secondary school work. Blank forms of certificate for this purpose will be furnished by the University upon application. 2. The University does not bind itself to accept beyond the current year the certificate of any school in place of examinations, but will continue to accept certificates from those schools which shall have sent to the University students thoroughly prepared, as proved by their standing after admission.

2. By Certificate of the College Entrance Examination Board

The College Entrance Examination Board is an association of colleges and secondary schools formed to conduct uniform college

entrance examinations at numerous points throughout the country. New York University is a member of the association and will admit to the Washington Square College students who present a certificate showing that they have passed the Board's examinations in the subjects prescribed by the University for entrance. The Board holds examinations at University Heights, June 18-23, 1917. All applications for this examination must be addressed to the College Entrance Examination Board, 431 West 117th Street, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application. Applications for this examination must be received by the Secretary of the Board at least two weeks in advance of the examination, *i.e.*, on or before Monday, June 4th, 1917. An examination fee of \$5.00 is charged of all candidates; and students who enter the Washington Square College on the Board's Certificate, having paid the Board's fee for examination, are exempted from payment of the University matriculation fee. For further information regarding these examinations, and a complete list of the places where they are held, address *College Entrance Examination Board, 431 West 117th Street, New York, N. Y.*

3. By Entrance Examinations of New York University

No entrance examinations will be held by the University in June in view of the examinations held at the University at that time under the direction of the College Entrance Board. The University will hold examinations in the subjects prescribed for entrance from September 17 to 21, 1917, and from January 21 to 25, 1918, at Washington Square, as follows:

Schedule

SEPTEMBER 17-21, 1917 AND JANUARY 21-25, 1918

	9.30-11.30	1.30-3.30	3.45-5.45
Mon., Sept. 17, 1917 Jan. 21, 1918	Algebra	History— Mediaeval and Mod., American	Physics Botany and Zoölogy
Tues., Sept. 18, 1917 Jan. 22, 1918	Geometry— Plane and Sol.	History— Anc. and Eng.	El. German Greek
Wed., Sept. 19, 1917 Jan. 23, 1918	Latin, 2d yr. Trigonometry	El. French	Int. German Spanish Latin—Gram. and El. Prose
Thurs., Sept. 20, 1917 Jan. 24, 1918	Latin, Cicero Drawing Adv. Algebra	Latin, Virgil .	Int. French Greek—Gram. and El. Prose
Fri., Sept. 21, 1917 Jan. 25, 1918	English 1 (Gram. and Comp.)	English 2 (Literature)	Chemistry Physiography Greek, Iliad

Students may take a part of the examinations as "preliminaries" a year before entrance, but no student will be examined who does not submit a certificate of preparedness for examination in the subject in which the candidate offers himself, from the school last attended.

4. By Diploma of the Regents of the State of New York

The academic diploma of the Regents will be accepted in satisfaction of the requirements for entrance, when such diploma covers the subjects required for admission to the Washington Square College.

5. By Certificate from Another College

A letter from a college maintaining requirements for admission equal to those of the University, stating that the candidate has been admitted to the Freshman class of that institution and is honorably dismissed in order to enter another college, will be accepted in satisfaction of the requirements for entrance.

DEFINITION OF REQUIREMENTS

English

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

Grammar and Composition

One and one-half units

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise letter-writing, narration, description, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

Literature

One and one-half units

The second object is sought by means of two lists of books, headed respectively READING and STUDY, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

A. READING

The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections—each selection is set off by semicolon—are to be made, except as otherwise provided under Group I.

I. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XII, XIV, XV, XVII, XXI; Virgil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted.

II. Shakespeare's *Midsummer Night's Dream*; *Merchant of Venice*; *As You Like It*; *Twelfth Night*; *The Tempest*; *Romeo and Juliet*; *King John*; *Richard II*; *Richard III*; *Henry V*; *Coriolanus*; *Julius Cæsar*; *Macbeth*; *Hamlet* (the last three only if not chosen for study under B).

III. Malory's *Morte d'Arthur* (about 100 pages); Bunyan's *Pilgrim's Progress, Part I*; Swift's *Gulliver's Travels* (voyages to Lilliput and to

Brobdingnag); Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; Frances Burney's *Evelina*; Scott's Novels (any one); Jane Austen's Novels (any one); Maria Edgeworth's *Castle Rackrent*, or *The Absentee*; Dickens' Novels (any one); Thackeray's Novels (any one); George Eliot's Novels (any one); Mrs. Gaskell's *Cranford*; Kingsley's *Westward Ho!* or *Hereward, the Wake*; Reade's *The Cloister and the Hearth*; Blackmore's *Lorna Doone*; Hughes' *Tom Brown's Schooldays*; Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae*; Cooper's Novels (any one); Poe's *Selected Tales*; Hawthorne's *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old Manse*; a collection of *Short Stories* by various standard writers.

IV. Addison and Steele's *Sir Roger de Coverley Papers*, or Selections from the *Tatler* and *Spectator* (about 200 pages); Selections from Boswell's *Life of Johnson* (about 200 pages); Franklin's *Autobiography*; Irving's *Life of Goldsmith*, or Selections from the *Sketch Book* (about 200 pages); Southey's *Life of Nelson*; Selections from Lamb's *Essays of Elia* (about 100 pages); Selections from Lockhart's *Life of Scott* (about 200 pages); Thackeray's Lectures on *Swift*, *Addison*, and *Steele* in the *English Humorists*; any one of Macaulay's Essays on *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederic the Great*, *Madame d'Arblay*; Selections from Trevelyan's *Life of Macaulay* (about 200 pages); Ruskin's *Sesame and Lilies*, or *Selections* (about 150 pages); Dana's *Two Years before the Mast*; Selections from Lincoln's Speeches, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman's *The Oregon Trail*; Thoreau's *Walden*; Lowell's *Selected Essays* (about 150 pages); Holmes' *Autocrat of the Breakfast Table*; Stevenson's *An Inland Voyage* and *Travels with a Donkey*; Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education* and *A Piece of Chalk*; a collection of *Essays* by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers; a collection of *Letters* by various standard writers.

V. Palgrave's *Golden Treasury (First Series)*, *Books II and III*, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's *Golden Treasury (First Series)*, *Book IV*, with special attention to Wordsworth, Keats and Shelley (if not chosen for study under B); Goldsmith's *The Traveller* and *The Deserted Village*; Pope's *The Rape of the Lock*; a collection of English and Scottish *Ballads*, as, for example, some *Robin Hood* ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick* and *Grahame*, *Sir Patrick Spens*, and a selection from

later ballads; Coleridge's *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron's *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott's *The Lady of the Lake*, or *Marmion*; Macaulay's *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*; Tennyson's *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*; *Home Thoughts from Abroad*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus*"—, *Instans Tyrannus*; Arnold's *Sohrab and Rostum*, and *The Forsaken Merman*; Selections from *American Poetry*, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. STUDY

This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

I. Shakespeare's *Julius Cæsar*, or *Macbeth*, or *Hamlet*.

II. Milton's *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson's *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in *Book IV* of *Palgraves' Golden Treasury (First Series)*.

III. Burke's *Speech on Conciliation with America*; Macaulay's *Two Speeches on Copyright*, and Lincoln's *Speech at Cooper Union*; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

IV. Carlyle's *Essay on Burns*, with a selection from *Burns' Poems*; Macaulay's *Life of Johnson*; Emerson's *Essay on Manners*.

Examination

However accurate in subject matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling or other essentials of good usage.

The examination will be divided into two parts:

1. Grammar and Composition

In grammar and composition, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English, which one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

2. Literature

The examination in literature will include:

A. General questions designed to test such a knowledge and appreciation of literature as may be gained by fulfilling the requirements defined above under *A. READING*. The candidate will be required to submit a list of the books read in preparation for the examination, certified by the principal of the school in which he was prepared; but the books named in this list will not be made the basis of detailed questions.

B. A test on the books prescribed under *B. STUDY*, above, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

History

(a) Ancient history, with special reference to Greek and Roman history and including also a short introductory study of the more ancient nations and the chief events of the early Middle Ages, down to the death of Charlemagne (814).

(b) Mediæval and modern European history, from the death of Charlemagne to the present time.

(c) English history.

(d) American history and civil government.

Latin

I. AMOUNT AND RANGE OF THE READING REQUIRED.

i. The Latin reading, without regard to the prescription of particular authors and works, shall not be less in amount than Cæsar, Gallic War, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Virgil, *Æneid*, I-IV.

ii. The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters, and *De Senectute*), and Sallust (Catiline and Jugurthine War); Virgil (Bucolics, Georgics, and *Æneid*), and Ovid (*Metamorphoses*, *Fasti*, and *Tristia*).

II. SCOPE OF THE EXAMINATIONS.

i. TRANSLATION AT SIGHT: Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

ii. PRESCRIBED READING. Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Virgil, *Æneid*, I, II, and either IV or VI, at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both parts of the paper, or they will not be given credit for either part.

iii. GRAMMAR AND COMPOSITION: The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and all the ordinary syntax and vocabulary, of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

Greek

a. i. GREEK GRAMMAR: The topics for examination in Greek grammar are similar to those detailed under Latin grammar.

ii. ELEMENTARY PROSE COMPOSITION, consisting principally of detached sentences to test the candidate's knowledge of grammatical constructions.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

b. XENOPHON: The first three books of the *Anabasis*.

c. HOMER: The first three books of the *Iliad* (omitting II, 494 to end), and the Homeric constructions, forms and prosody.

French

a. THE ELEMENTARY REQUIREMENT

THE AIM OF THE INSTRUCTION

At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of everyday life, or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar, as defined below.

THE WORK TO BE DONE

During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

b. THE INTERMEDIATE REQUIREMENT

THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

THE WORK TO BE DONE

This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic forms; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

German

a. THE ELEMENTARY REQUIREMENT

THE AIM OF THE INSTRUCTION

At the end of the elementary course in German the pupil should be able to read at sight, and to translate a passage of very easy dialogue or narrative prose, help being given upon unusual words and constructions, to put into German short English sentences taken from the language of everyday life or based upon the text given for translation, and to answer questions upon the rudiments of grammar, as defined below.

THE WORK TO BE DONE

During the first year the work should comprise: (1) careful drill upon pronunciation; (2) the memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar; (4) the reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

During the second year the work should comprise: (1) the reading of from 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in the translation into German of easy variations upon the matter read, and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the ends of enabling the pupil, first, to use his knowledge with facility in the formation of sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

b. THE INTERMEDIATE REQUIREMENT

THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word-formation, and to translate and explain (so far as explanation may be necessary) a passage of classical literature taken from some text previously studied.

THE WORK TO BE DONE

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases,

auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

Spanish

At the end of the elementary course the pupil should be able to pronounce Spanish accurately, to read at sight easy Spanish prose, to put into Spanish simple English sentences taken from the language of everyday life or based upon a portion of the Spanish text read, and to answer questions on the rudiments of the grammar.

Mathematics

a. ELEMENTARY ALGEBRA:

i. ALGEBRA TO QUADRATICS: The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring. Fractions, including complex fractions, ratio and proportion. Linear equations, both numerical and literal, containing one or more unknown quantities. Problems depending on linear equations. Radicals, including the extraction of the square root of polynomials and of numbers. Exponents, including the fractional and negative.

ii. QUADRATICS AND BEYOND: Quadratic equations, both numerical and literal. Simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations. Problems depending on quadratic equations. The binomial theorem for positive integral exponents. The formulas for the n th term and the sum of the terms of arithmetical and geometric progressions, with applications. It is assumed that pupils will be required throughout the course to solve numerous problems which involve the putting of questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

b. ADVANCED ALGEBRA: Permutations and combinations, limited to simple cases. Complex numbers, with graphical representations of sums and differences. Determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of

linear equations. Numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes' rule of signs and Horner's method, but not Sturm's functions or multiple roots.

c. PLANE GEOMETRY: The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle. The solution of numerous original exercises, including loci problems. Applications to the mensuration of lines and plane surfaces.

d. SOLID GEOMETRY: The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle. The solution of numerous original exercises, including loci problems. Applications to the mensuration of surface and solids.

e. TRIGONOMETRY: Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles. Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas. Solution of trigonometric equations of a simple character. Theory and use of logarithms (without the introduction of work involving infinite series). The solution of right and oblique triangles, and practical applications including the solution of right spherical triangles.

Physics

The course of instruction in physics should include:

a. The study of one standard text-book, for the purpose of obtaining a connected and comprehensive view of the subject. The student should be given opportunity and encouragement to consult other scientific literature.

b. Instruction by lecture-table demonstrations, to be used mainly for illustration of the facts and phenomena of physics in their qualitative aspects and in their practical applications.

c. Individual laboratory work consisting of experiments requiring at least the time of thirty double periods, two hours in the laboratory to be counted as equivalent to one hour of class-room work. The experiments performed by each student should number at least thirty. The work should be distributed so as to give a wide range of observation and practice.

At the time of the examination the candidate must present a note-book in which he has recorded the steps and the results of his laboratory exercises, and this note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. It should contain an index of the exercises which it describes. It is practicable for pupils to make the original record of their observations entirely presentable, so that copying will be unnecessary, and they should in general be required to do so. This note-book will be returned at any time within a year at the request of the candidate.

A list of suitable experiments in physics is contained in the definitions of the requirements published by the College Entrance Board.

Chemistry

It is recommended that the candidate's preparation in chemistry should include:

(1) Individual laboratory work, comprising at least forty exercises selected from a list of sixty or more.

(2) Instruction by lecture-table demonstrations to be used mainly as a basis for questioning upon the general principles involved in the pupil's laboratory investigations.

(3) The study of at least one standard text-book, to the end that the pupil may gain a comprehensive and connected view of the most important facts and laws of elementary chemistry.

Geography

The entrance requirements consist of (1) a study of one of the leading secondary text-books on Physical Geography; (2) individual laboratory work, comprising at least forty exercises covering the general subject as outlined below. From one-third to one-half the class-room work should be devoted to this. Field trips in spring

and autumn should replace the laboratory exercises. The time required for the subject should be at least four hours per week throughout a high school year.

A syllabus of the course to be covered is given in the pamphlet on the general subject of College Entrance Requirements issued by the College Entrance Examination Board. In general it is as follows: The Earth as a Globe (Mathematical Geography); The Ocean (including shoreline development) and The Atmosphere, as in most standard text-books; The Land, including changes now in progress, rivers and their cycles, glaciers and the forms produced by them, and the elements of land forms with the history of their development—plains, plateaus and mountains; finishing with a brief study of the relation of life, including man, to geographic environment.

The percentage of time required in studying the different subdivisions may be mathematical geography and the ocean each 12½, the atmosphere 30, and the land 45.

Biology, Botany, Zoölogy

Standard unit courses in Biology, Botany, and Zoölogy are described in Document No. 82 of the College Entrance Examination Board, published December 1, 1916, pages 56 to 64.

Drawing

For brief syllabi of standard unit courses in Freehand Drawing and Mechanical Drawing, see Document No. 82 of the College Entrance Examination Board, pages 70-75.

ADVANCED CREDIT

Graduates of Professional Schools

Graduates of normal schools, training schools, schools of commerce, law schools, medical schools, dental schools and theological seminaries will be admitted to Section C of the Washington Square College (see page 41) without examination. One year of advanced credit will be allowed toward the degree under Section C to graduates of the professional schools listed above.

Graduates of normal schools or training schools will be allowed one year of advanced credit for their normal school or training school course toward the degree of B.S. in Pedagogy under Section D (see page 43). Additional advanced credit will be allowed in the case of these students where they have completed in the normal school or training school cultural courses of college grade.

Only graduates of approved professional schools as listed in the two preceding paragraphs may be admitted to the College under Sections C and D. Certified credentials of secondary school training must be presented and equated in terms of the entrance requirements of the College. Transcripts of the professional school record must also be presented for equation in terms of the courses offered by the College.

Completion of Courses in Other Colleges of Recognized Standing

Students from other institutions who have pursued college courses equivalent to courses in the University will be granted advanced standing upon presentation of official transcripts of their records and certificates of honorable dismissal.

Summer Schools

Credit will be given to regularly matriculated and enrolled students for courses completed in New York University Summer School and other summer schools when those courses are equivalent to courses given in the Washington Square College. Students who plan to use summer school courses for credit in the Washington Square College are urged to consult with the Secretary of that College in order that there may be no misunderstanding as to the credit that will be allowed. Ordinarily, not more than four hours (8 points) of credit will be given for work taken in a single summer session. In all cases where credit for courses taken in summer schools is desired, a certificate signed by the director of that summer school will be required.

Special Students

Students who satisfy the regular admission requirements, but who do not desire to take the prescribed course leading to a degree,

may enroll as special students, and take the courses that meet their particular needs.

Auditors

Students at least 21 years of age, who present less than 15 units of credit for entrance, may be admitted to the Washington Square College as auditors, and may take a limited number of courses upon obtaining permission from the instructors in charge. Such students will receive no credit toward the degree for courses taken before they have satisfied the requirements for entrance.

REQUIREMENTS FOR DEGREES

The Washington Square College requires the completion of 128 points of credit for graduation. A point is the credit given for the successful completion of a course which requires one hour of classroom attendance a week for one semester. It is expected that students will arrange their work in such a way that they will require not more than eight calendar years for the completion of the 128 points required for the degree. The Faculty reserves the right, where this period is exceeded, to impose special requirements upon the students. At least one year's work, 32 points, must be taken in the College.

Degrees are granted for the completion of Section A, Section B, Section C or Section D. The degrees offered are the following: Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Pedagogy.

Majors and Minors

Each student is required to complete in addition to the required courses, one major and either one or two minors depending upon the section in which he enrolls. A major will consist of 20 points and a minor 12 points in sequential arrangement or definite correlation in any of the fields of study enumerated under Cultural or Vocational Groups. Students who elect their work in *Section A or C* must choose their majors and minors from *Cultural Group I, II, or III*. Students who elect their work in *Section B* must choose their majors and minors from *Vocational Group I, II, III*,

or IV. Students who elect their work in Section D must choose their major from *Vocational Group IV* and their minor from *Cultural Group I, II, or III*. The choice of the major and the minors must be made in writing and submitted to the Secretary of the College before the student has completed 64 points. Blanks for this purpose may be had upon application at the office of the Secretary. No credit toward the major or minor will be allowed until the student has completed the prescribed courses demanded by the section in which he has enrolled.

No credit toward the completion of any major or minor will be allowed for the following courses:

- (a) Elementary courses in any language, including the second year of study in French or German.
- (b) Elementary courses in Mathematics, English Composition, Chemistry and Physics.

A student who completes his major in any year prior to that of his graduation will be required to elect in each remaining year of his enrollment at least one course in the field in which the major has been taken.

Free Electives

Courses which are not taken as required courses or as part of the major or minor sequences will be credited as free electives. Special provisions govern the choice of free electives under the different sections of the curriculum and students are urged to read these provisions carefully before making their selection of courses.

COURSES OF STUDY FOR HIGH SCHOOL GRADUATES WHO HAVE HAD NO PROFESSIONAL TRAINING

Section A. College Course

This section is designed for students who desire a four-year cultural course similar to that given in the ordinary college of arts.

Required Courses

English Composition,	4 points.
History of English Literature,	4 "

European History,	4 points.
English History	
or	
United States History	4 "
Mathematics,	4 "
An Exact Science,	4 "
A Natural Science,	4 "
Philosophy,	4 "
*Modern Foreign Language,	4 "
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Total,	36 points.

NOTE.—These courses with the exception of modern foreign language, must be completed as part of the first 64 points.

Majors and Minors

One major and two minors are required of students who enroll in Section A. Both minors must be taken in a field of study other than that in which the major is taken; and at least one of the minors must be taken in a group other than that in which the major is taken.

Majors and minors may be chosen from the following groups:

CULTURAL GROUP I	CULTURAL GROUP II	CULTURAL GROUP III
<i>Language and Literature</i>	<i>Social Science and Philosophy</i>	<i>Exact and Natural Science</i>
Classical Languages.		
English.	History.	Mathematics.
German.	Political Science.	Exact Sciences. (Chemistry and Physics.)
French.	Economics.	Natural Sciences.
Italian.	Sociology.	
Spanish.	Philosophy.	

Degrees

The degree of Bachelor of Arts will be conferred upon students in Section A who have completed their major in a field of study under Group I or II, provided they have presented for entrance 4 units in Latin, or in Latin and Greek, and have taken at least one year of Latin or Greek in College.

*Four points of one modern foreign language in addition to three years of high school work in that language.

The degree of Bachelor of Science will be conferred upon all students who have taken their major under Group III and upon those students who have taken their major under Group I or II, but lack the 4 units in Latin or Greek for entrance.

Free Electives

Courses not taken as required courses or in satisfaction of the major or minors are credited as free electives.

With the approval of the Secretary credit as free electives will be permitted for certain courses taken in the professional subjects offered in the College; providing, however, that not more than 32 points of such credit shall be granted in any case. No credit will be allowed toward degrees under this section for free electives in Domestic Art, Manual Training, Stenography, Home Economics, Music, Dancing, or in methods of teaching these subjects.

Section B. College-Vocational Courses

This section is designed for students who wish a regularly organized college course comprising two years of cultural training combined with two years of vocational training.

Required Courses

The following cultural courses are required of all students in Section B:

History,	4 points.
Philosophy,	4 "
English Composition,	4 "
Science,	4 "
Mathematics,	4 "
*Modern Foreign Language,	4 "
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Total,	24 points.

NOTE.—These courses with the exception of modern foreign language, must be completed as part of the first 64 points.

*Four points of one modern foreign language in addition to three years of high school work in that language.

Prerequisite Vocational Courses

Each student must complete 20 points in prerequisite courses. The student will be required to take the prerequisite vocational courses of the vocational group in which he intends to take his major, *e. g.*, a student who intends to major in Accounting under Vocational Group I (Commerce) will be required to take the prescribed vocational courses of that group.

(For a list of the prerequisite courses under the different groups see page 36.)

Majors and Minors

One major and one minor will be required of students who enroll in Section B. The minor must be taken in the same Vocational Group as that in which the major is taken, but in a different field of study. An exception is made in the case of students who desire to take their vocational work in Law or in Pedagogy. In the case of students specializing in Law, the minor must be taken in Government; in the case of those specializing in Pedagogy, the minor may be taken in one of the cultural subjects listed on page 38.

Free Electives

Courses taken in addition to the prescribed cultural courses and prerequisite vocational courses to complete the first 64 points must be cultural. In completing the last 64 points, sufficient cultural courses must be taken to bring the total amount of credit received toward the degree for cultural courses up to at least 64 points.

No credit will be allowed toward degrees under this Section for free electives in Domestic Art, Manual Training, Stenography, Home Economics, Music, Dancing, or in methods of the teaching of these subjects—except under Vocational Group IV—the College Pedagogy Group where these courses may be credited as part of a major or minor.

Degrees

Students in Section B who have satisfied the requirements of the section will receive the degree of Bachelor of Science.

The Vocational Groups open to students under Section B together with the prerequisite vocational courses to each group, are as follows:

VOCATIONAL GROUP I

College-Commerce Group

Vocational Group Director—DEAN JOSEPH FRENCH JOHNSON

Prerequisite Courses

Principles of Accounting,	4 points.
Elements of Economics and Practical Economic Problems,	4 "
Elements of Private Finance,	4 "
Business English,	4 "
Commercial Practice in the Law of Contracts and Agency,	4 "
	—
Total,	20 points.

Major and Minor Sequences

Accounting.	Marketing.
Finance.	Trade and Transportation.
Management.	Sociology.
	Commercial Law

Majors in Accounting must be approved by Professor Wildman; in Finance by Professor Gerstenberg; in Management by Professor Galloway; in Marketing by Professor Hotchkiss; in Trade and Transportation by Professor Fisher; in Sociology by Professor Binder; and in Commercial Law by Professor Bacon.

VOCATIONAL GROUP II

College-Law Group

Vocational Group Director—PROFESSOR FRANCIS W. AYMAR

Prerequisite Courses

Argumentation,*	4 points.
English History,	4 "
American History,	4 "
Economics,	4 "
Sociology,	4 "
	—
Total,	20 points.

*See Department of English, course No. 35-36.

Major and Minor Sequences

Students selecting this group must complete two years of academic work (64 points) before they are permitted to enroll for Law courses. In these two years of academic work must be included the regular required courses of the Section, as well as the prerequisite courses of the Group as listed above.

A major in this group consists of the first and second years in the Law School, 48 points. For the convenience of students, these courses are outlined under the department entitled "Law Courses."

Students of this group are required, in addition to the above, to complete a minor in Government, consisting of 12 points.

The remaining 24 points necessary to complete the requirements for the degree are elective; provided, however, that they must be taken in academic subjects.

NOTE.—Students desiring to take the College Law Course must consult with and obtain the approval of Professor Aymar.

VOCATIONAL GROUP III

College-Journalism Group

Vocational Group Director—ASSISTANT PROFESSOR J. MELVIN LEE

Prerequisite Courses

News Writing,	4 points.
Magazine Writing and Special Feature Work,	4 "
Economics,	4 "
English Literature,	4 "
Business Psychology,	4 "
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Total,	20 points.

Major and Minor Sequences

Newspaper Management.	Newspaper Editing and Writing.
Magazine Management.	Magazine Editing and Writing.

NOTE.—Students desiring to major in any one of the departments under Vocational Group III must obtain the approval of Professor Lee.

VOCATIONAL GROUP IV

College-Pedagogy Group

Vocational Group Director—PROFESSOR CLAYTON C. KOHL

Prerequisite Courses

Psychology,	4 points.
Physiology,	4 "
Biology,	4 "
Sociology,	4 "
Logic,	4 "
<hr/>	
Total,	20 points.

Major and Minor Sequences

Elementary Teaching.	Teaching of Delinquent and De-
Secondary Teaching,	fective Children.
including teaching of Com-	Home Economics.
mmercial Subjects.	Domestic Art.
	Music.

NOTE.—Students desiring to major in any of the departments under Vocational Group IV must obtain the approval of Professor Kohl.

COURSES OF STUDY FOR GRADUATES OF PROFESSIONAL SCHOOLS

Section C

This section is designed for students who come to the University after having graduated from a professional school, and who desire further cultural training.

Required Courses

English Composition,	4 points.
History,	4 "
Mathematics,	4 "
An Exact Science,	4 "
A Natural Science,	4 "
*Modern Foreign Language,	4 "
<hr/>	
Total,	24 points.

NOTE.—These courses must be completed before credit will be allowed toward a major or minor.

*Four points of one modern foreign language in addition to three years of high school work in that language.

Majors and Minors

Students in Section C must complete, in addition to the required courses, one major. Students who enter the College with advanced credit must take the required courses not satisfied by their advanced credit before beginning their major work. No courses contained in the advanced credit granted on the basis of work done in a professional school shall be considered as meeting specific course requirements or those of majors or minors, unless in special cases the Scholarship Committee grant permission.

Students in Section C who enter the College with advanced credit amounting to less than 64 points will be required to take 2 minors. Students who present 64 points of advanced credit will be required to take only one minor. Minors must be taken in a field of study other than that in which the major is taken; and at least one of the minors must be taken in a group other than that in which the major is taken. When only one minor is required, it must be chosen from a group other than that of the major. Students must complete the required courses not satisfied by the advanced credit before credit toward the minor will be given.

Free Electives

Courses which are not taken as required courses or as part of the major and minor sequences will be credited as free electives.

Inasmuch as students are allowed one year of advanced credit for professional work under this section, only courses of cultural character will be accepted as free electives in the case of students taking their work under this section. Students under this section, therefore, should not take courses in such subjects as Pedagogy, Accounting, Law, etc., since these courses will not be credited toward the degree.

Majors and minors must be chosen from the following groups:

CULTURAL GROUP I	CULTURAL GROUP II	CULTURAL GROUP III
<i>Language and Literature</i>	<i>Social Science and Philosophy</i>	<i>Exact and Natural Science</i>

Classical Languages.

English.

German.

French.

Italian.

Spanish.

History.

Political Science.

Economics.

Sociology.

Philosophy.

Mathematics.

Exact Sciences (Physics
and Chemistry).

Natural Sciences.

Degrees

Students in Section C will be recommended for the degree of Bachelor of Arts or Bachelor of Science upon the same conditions as those stated in connection with Section A. See page 35.

SPECIAL COURSE OF STUDY FOR GRADUATES OF NORMAL SCHOOLS AND TRAINING SCHOOLS

Section D

This section is designed for graduates of normal schools and training schools who desire to specialize in Education. The course of study under this section is conducted in coöperation with the School of Pedagogy and leads to the degree of Bachelor of Science in Pedagogy.

Required Courses

English Composition,	4 points.
History,	4 "
Psychology,	4 "
Mathematics	} 4 "
or	
An Exact Science	
A Natural Science,	4 "
*Modern Foreign Language,	4 "
	—
Total,	24 points.

Majors and Minors

Students in Section D must complete, in addition to the required courses, one major and one minor. All required courses must be completed before credit toward the major or minor will be given. No courses taken in the normal school will be accepted in lieu of the prescribed courses or the major or minor requirements except in special cases where the Scholarship Committee grants permission.

* Four points of one modern foreign language in addition to three years of high school work in that language.

The major must be taken in one of the following fields of study:

Elementary Teaching.	Teaching of Delinquent and De-
Secondary Teaching, including	fective Children.
teaching of Commercial Sub-	Home Economics.
jects.	Domestic Art.
	Music.

The minor must be taken in one of the cultural groups listed on page 42.

Free Electives

The remainder of the work necessary for the degree may be made up of free electives, of which 28 points must be in cultural studies and 12 points in pedagogical studies.

DEPARTMENTAL ANNOUNCEMENTS

ACCOUNTING

The following courses given by members of the faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1-2. Principles of Accounting (Prerequisite: Preparatory Accounting)

First and second terms *4 points*

Monday, 7.45-9.45, or MR. W. B. JOHNSON

Tuesday, 4-6, or MR. ROSENKAMPFF

Tuesday, 6-7.45, or MR. W. B. JOHNSON

Tuesday, 7.45-9.45, or MR. ALTHER

Wednesday, 4-6, or MR. REEVE

Saturday, 11-1 MR. BARBER

First term (Acc. 2) and second term (Acc. 1)

Wednesday, 7.45-9.45, or MR. REEVE

Thursday, 9-11 MR. W. B. JOHNSON

(Accounting 1 must be taken before Accounting 2)

Second term

Monday, 9-11 and Thursday, 9-11 MR. ROSENKAMPFF

or

Monday, 7.45-9.45 and Thursday, 7.45-9.45 MR. ALTHER

Note: The section of this course, meeting Tuesdays, 4-6, will be open to women only.

3-4. Accounting Practice (Prerequisite: Accounting 1-2)

First and second terms *4 points*

Monday, 9-11, or ASSISTANT PROFESSOR DOUGLAS

Monday, 4-6, or ASSISTANT PROFESSOR DOUGLAS

Monday, 7.45-9.45, or ASSISTANT PROFESSOR DOUGLAS

Wednesday, 6-7.45, or MR. W. B. JOHNSON

Saturday, 11.15-1.15 MR. ROSENKAMPFF

First term (Acc. 4) and term second (Acc. 3)

Wednesday, 7.45-9.45, or MR. W. B. JOHNSON

Thursday, 11-1 MR. W. B. JOHNSON

(Accounting 3 must be taken before Accounting 4)

5-6. Cost Accounting (Prerequisite: Accounting 1-2)

<i>First and second terms</i>	<i>4 points</i>
<i>Wednesday, 9-11, or</i>	MR. H. L. WILSON
<i>Wednesday, 4-6, or</i>	MR. H. L. WILSON
<i>Wednesday, 7.45-9.45, or</i>	MR. H. L. WILSON
<i>Thursday, 6-7.45</i>	MR. H. L. WILSON
<i>First term (Acc. 6) and second term (Acc. 5)</i>	
<i>Friday, 6-7.45</i>	MR. H. L. WILSON
(Accounting 5 must be taken before Accounting 6)	

7-8. Auditing (Prerequisites: Accounting 1-2, 3-4, 5-6, 17-18)

<i>First and second terms</i>	<i>4 points</i>
<i>Monday, 7.45-9.45</i>	ASSISTANT PROFESSOR MADDEN
<i>Tuesday, 2-4</i>	PROFESSOR WILDMAN

9-10. Fiduciary Accounting (Prerequisite: Accounting 1-2)

<i>First and second terms</i>	<i>4 points</i>
<i>Monday, 6-7.45</i>	MR. GODRIDGE

11-12. Investment Accounting (Prerequisite: Accounting 1-2)

<i>First and second terms</i>	<i>4 points</i>
<i>Monday, 6-7.45</i>	MR. MURPHY

13-14. Advanced Accounting Problems (Prerequisite: Accounting 3-4)

<i>First and second terms</i>	<i>4 points</i>
<i>Tuesday, 9-11, or</i>	ASSISTANT PROFESSOR DOUGLAS
<i>Tuesday, 4-6, or</i>	and MR. BAYER
<i>Tuesday, 7.45-9.45</i>	

15-16. Accounting Systems (Prerequisite: Accounting 3-4, 5-6)

<i>First and second terms</i>	<i>4 points</i>
<i>Thursday, 7.45-9.45</i>	MR. REEVE

17-18. Theory of Accounting

<i>First and second terms</i>	<i>4 points</i>
<i>Tuesday, 9-11, or</i>	ASSISTANT PROFESSOR MADDEN
<i>Tuesday, 6-7.45, or</i>	ASSISTANT PROFESSOR MADDEN
<i>Friday, 7.45-9.45</i>	MR. FAHR
<i>First term (Acc. 18) and second term (Acc. 17)</i>	
<i>Thursday, 9-11</i>	ASSISTANT PROFESSOR MADDEN
<i>Thursday, 6-7.45</i>	MR. FAHR
(Accounting 17 must be taken before Accounting 18)	

19-20. Municipal Accounting (Prerequisite: Accounting 1-2)

First and second terms 4 points
Thursday, 6-7.45

21-22. Public Utilities Accounting (Prerequisite: Accounting 1-2)

First and second terms 4 points
Thursday, 6-7.45 MR. MOYER

23-24. Foreign Exchange Accounting (Prerequisite: Accounting 1-2)

First and second terms 4 points
Friday, 7.45-9.45 MR. DJÖRUP

25-26. Institutional Accounting (Prerequisite: Accounting 1-2)

First and second terms 4 points
Monday, 5-7 PROFESSOR WILDMAN

29-30. General Accounting

First and second terms 4 points
Wednesday, 6-7.45 ASSISTANT PROFESSOR MADDEN

31-32. Accounting for Business Men

First and second terms No credit
Wednesday, 5-6 PROFESSOR WILDMAN

ADVERTISING AND MARKETING

The following courses given by members of the faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1-2. Essentials of Advertising

First and second terms 4 points
Thursday, 4-6, or MR. COLLINS
Thursday, 6-7.45 MR. COLLINS

5-6. Advertising Copy (Prerequisite: English 11-12 or equivalent)

First and second terms 4 points
Tuesday, 11-1, or PROFESSOR HOTCHKISS
Tuesday, 7.45-9.45 PROFESSOR HOTCHKISS

11-12. Markets and Marketing

First and second terms 4 points
Tuesday, 2-4, or PROFESSOR BUTLER
Wednesday, 7.45-9.45 PROFESSOR BUTLER

13-14. Psychology of Advertising and Selling*First and second terms**4 points**Friday, 6-7.45*

MR. ROGOWSKI

15-16. Advertising Display*First and second terms**4 points**Monday, 6-7.45*

MR. PARSONS

17. Advanced Copy Writing (Prerequisite: Adv. and Mar. 5-6, 15-16)*First term**2 points**Wednesday, 7.45-9.45*

PROFESSOR HOTCHKISS

19. Printing of Advertisements*Second term**2 points**Tuesday, 6-7.45*

MR. SMITH

20. Layouts (Prerequisite: Adv. and Mar. 15-16)*First term**2 points**Tuesday, 6-7.45*

MR. SPRAGUE

23-24. Marketing Campaigns*First and second terms**4 points**Tuesday, 11-1, or*

PROFESSOR BUTLER

Wednesday, 6-7.45

PROFESSOR BUTLER

27-28. Advertising Media*First and second terms**4 points**Wednesday, 6-7.45*

PROFESSOR LEE

29-30. Sales Correspondence and Selling Systems*First and second terms**4 points**Thursday, 11-1, or*

MR. KILDUFF

Thursday, 7.45-9.45

MR. KILDUFF

31. Salesmanship*First term**2 points**Thursday, 7.45-9.45*

MR. JONES and MR. COMYNS

*Second term**Tuesday, 11-1*

MR. JONES and MR. COMYNS

34. Sales Management*Second term**2 points**Thursday, 7.45-9.45*

MR. JONES and MR. COMYNS

35. Export Selling Methods*First term**2 points**Friday, 7.45-9.45*

MR. HOUGH

37-38. Mail Order Practice*First and second terms**4 points**Monday, 7.45-9.45*

MR. ADLEY

101-102. Applied Advertising (Prerequisite: Written permission of the head of Advertising and Marketing Division)*First and second terms**4 points**Thursday, 7.45-9.45*

PROFESSORS HOTCHKISS and BUTLER

BIOLOGY***1-2. General Principles of Zoölogy**

This course will serve as an introduction to the study of animals, their structure, their life history and their systematic positions. It will also treat of the great principles which underlie the phenomena of living things. In addition to the lectures, the careful reading of a text-book will be required.

*First and second terms**4 points**Saturday, 11.15-1.15*

PROFESSOR BRISTOL

3-4. Principles of Organic Evolution

This course goes over the evidences of evolution, discussing the principal factors carefully. Along with the lectures, the careful reading of a text-book is required. Illustrated with lantern slides. No pre-requisites.

*First and second terms**4 points**Saturday, 9.15-11.15*

PROFESSOR BRISTOL

Minor: Biology 1-2, 3-4, and Geology 5-6**CHEMISTRY**

Note. Courses 1-2, 3-4, 5-6, 7, and 8 will be given at the Medical College, 26th Street and First Avenue. Courses 101-102, 103-104, 105-106, and 107-108 will be given at University Heights.

1-2. General Chemistry—Section A

Lectures and recitations. The student is taught inorganic elements and compounds, and also the physico-chemical forces which cause the

* These courses are not open in the second semester. Credit will not be given for the first semester when taken alone.

various reactions among inorganic substances, such as: Kinetic theory, diffusion, osmosis, electrolytic ionization, dissociation, hydration, chemical dynamics, and equilibrium. Open at the beginning of both semesters, provided eight or more students apply.

First and second terms

4 points

Wednesday, 4-6

ASSISTANT PROFESSOR GETTLER

1-2. Inorganic Chemistry—Section B

This course is given in the Extramural Division as the equivalent of General Chemistry—Section A, and will be accepted in lieu of that course.

First and second terms

4 points

Tuesday, 7.30-9.30

ASSISTANT PROFESSOR GETTLER

3-4. Inorganic Experimentation

Laboratory course intended for students taking Chemistry 1-2. This course gives the student a chance to perform experiments with inorganic elements and compounds, thus bringing out and impressing the laws mentioned in course 1-2.

First and second terms

4 points

Thursday, 4-6, and

MR. MCTAVISH

Friday, 4-6

5-6. Qualitative Analysis (Prerequisites: Chemistry 1-2 and 3-4)

One hour lecture and three hours laboratory work. This course trains the student to analyze qualitatively any inorganic material he may meet.

First and second terms

4 points

Thursday, 4-6, and

MR. MCTAVISH

Friday, 4-6

7. Organic Chemistry (Prerequisites: Chemistry 1-2 and 3-4)

Lectures on the compounds of carbon, devoted chiefly to the aliphatic series.

First term

2 points

Tuesday, 4-6

ASSISTANT PROFESSOR GETTLER

8. Organic Chemistry (Prerequisite: Chemistry 5)

A continuation of Chemistry 7, with emphasis on the aromatic series and the compounds of nitrogen.

Second term

2 points

Tuesday, 4-6

ASSISTANT PROFESSOR GETTLER

In courses 7 and 8 is taken up a thorough study of the organic world, substances such as fats, proteins, carbohydrates, alcohols, aldehydes,

amines, phenols, dyes, etc. Courses 7 and 8 are open at the beginning of each semester, provided eight or more students apply.

101-102. Qualitative Analysis

Two hundred and fifty laboratory hours. The course is planned to make the student thoroughly familiar with the ordinary scheme of qualitative analysis, and to afford some knowledge of the tests for the rarer elements, with practice in spectroscopic analysis and dry analysis.

First and second terms

4 points

Hours to be arranged

ASSISTANT PROFESSOR SIMMONS
and DR. OESPER

103-104. Quantitative Analysis

Open to students who have completed 101-102, or its equivalent. Two hundred and fifty laboratory hours.

First and second terms

4 points

Hours to be arranged

ASSISTANT PROFESSOR SIMMONS
and DR. OESPER

105-106. Organic Synthesis

Two hundred and fifty laboratory hours, devoted to the preparation of a number of typical organic compounds and the study of important organic reactions. Open to students who have completed 101-102 and 103-104, or their equivalents and have taken or are taking Chemistry 203-204.

First and second terms

4 points

Hours to be arranged

ASSISTANT PROFESSOR FARNAU

107-108. Technical Analysis

Open to students who have completed 103-104, or its equivalent. Two hundred and fifty laboratory hours. The course will include the technical analysis of steel, coal, non-ferrous alloys, minerals, water, food, etc. The choice of material will be determined after consultation with the instructor. Open at the beginning of the second semester, by special permission.

First and second terms

4 points

Hours to be arranged

DR. OESPER

COMMERCIAL LAW

The following courses given by members of the faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1. Contracts

<i>First term</i>	<i>2 points</i>
<i>Monday, 6-7.45</i>	MR. BERGH
<i>Tuesday, 9-11</i>	MR. BERGH
<i>Friday, 5-6.45</i>	PROFESSOR BACON
<i>Friday, 7.45-9.45</i>	PROFESSOR BACON
<i>Second term</i>	
<i>Tuesday, 7.45-9.45</i>	MR. BERGH
<i>Friday, 2-4</i>	MR. MYER

2. Agency and Employments—Torts and Functions of the Courts

<i>Second term</i>	<i>2 points</i>
<i>Monday, 6-7.45</i>	MR. BERGH
<i>Tuesday, 9-11</i>	MR. BERGH
<i>Friday, 5-6.45</i>	PROFESSOR BACON
<i>Friday, 7.45-9.45</i>	PROFESSOR BACON

3. Sales, Shipments, Bailments and Management of Personal Property

<i>First term</i>	<i>2 points</i>
<i>Thursday, 5-6.45</i>	PROFESSOR BACON
<i>Thursday, 7.45-9.45</i>	PROFESSOR BACON
<i>Friday, 11-1</i>	

4. Bankruptcy, Insolvency, Receiver and Assignments; Executors and Administrators

<i>Second term</i>	<i>2 points</i>
<i>Thursday, 5-6.45</i>	PROFESSOR BACON
<i>Thursday, 7.45-9.45</i>	PROFESSOR BACON
<i>Friday, 11-1</i>	PROFESSOR BACON

5. Laws of Banks and Negotiable and Commercial Paper

<i>First term</i>	<i>2 points</i>
<i>Wednesday, 5-6.45</i>	PROFESSOR BACON
<i>Wednesday, 7.45-9.45</i>	PROFESSOR BACON

6. Partnerships, Limited Partnerships and Corporations

Second term *2 points*

Wednesday, 5-6.45 PROFESSOR BACON

Wednesday, 7.45-9.45 PROFESSOR BACON

8. Law of Advertising and Marketing Goods (Prerequisites: Law 1-2, 3-4)

Second term *2 points*

Friday, 6-7.45 PROFESSOR BACON

9-10. Commercial Law of Spanish America

First and second terms *4 points*

Monday, 7.45-9.45 MR. OBREGON

DOMESTIC ART

For announcements of courses, see special bulletin of this department.

ECONOMICS

The following courses given by members of the faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1. Political Economy

First term *2 points*

Tuesday, 11-12, and PROFESSOR TURNER

Thursday, 11-12, or

Tuesday, 4-6, or

Wednesday, 7.45-9.45, or MR. HICKERNELL

Friday, 6-7.45 DEAN JOHNSON

PROFESSOR FISHER

2. Practical Economic Problems

Second term *2 points*

Tuesday, 11-12, and PROFESSOR TURNER

Thursday, 11-12, or

Tuesday, 4-6, or

Wednesday, 7.45-9.45, or MR. HICKERNELL

Friday, 6-7.45 DEAN JOHNSON

PROFESSOR FISHER

5-6. Industrial History

First and second terms *4 points*

Monday and Wednesday, 9-10 MR. R. D. SMITH

7-8. Industrial Combinations and Monopolies*First and second terms**4 points**Thursday, 7.45-9.45*

PROFESSOR FISHER

9-10. General Labor Problems*First and second terms**4 points**Wednesday, 7.45-9.45*

PROFESSOR FISHER

11-12. Elements of Statistical Methods*First and second terms**4 points**Wednesday, 6-7.45*

MR. HATHAWAY

13-14. Business Mathematics*First and second terms**4 points**Monday, 7.45-9.45*

MR. VAN TUYL

*Monday, 6-7.45—a section of Economics 14,
first term, and of Economics 13, second term*

MR. VAN TUYL

16. Women's Work*Second term**2 points**Tuesday, 7.45-9.45*

MISS SNOW

101-102. History of Economic Thought*First and second terms**4 points**Friday, 4-6*

PROFESSOR TURNER

107-108. Economic Statistics*First and second terms**4 points**Wednesday, 6-7.45*

DR. FALKNER

EDUCATION

The following courses given in the School of Pedagogy are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Pedagogy.

*General Principles of Education***33. Problem of School Supervision***First term**1 point**Alternate Saturdays, 11.15-1.15*

DEAN BALLIET

First lecture, October 6th

To receive credit, students must elect 34 also.

34. School Law

*First term**1 point**Alternate Saturdays, 11.15-1.15*

MR. MEREDITH

First lecture, September 29th

To receive credit, students must elect 33 also.

43-44. Methods of Teaching Vocational Subjects

*First and second terms**4 points**Friday, 7.30-9.30*

DR. PICKETT

101. Principles of Education (Biological and Physiological)

*First term**2 points**Saturday, 9.15-11.15*

DEAN BALLIET

102. Principles of Education (Psychological and Sociological)

*Second term**2 points**Saturday, 9.15-11.15*

DEAN BALLIET

103-104. General Method

*First and second terms**2 points**Wednesday, 5-6*

DEAN BALLIET

105-106. School Administration: School and Class Management

*First and second terms**2 points**Thursday, 5-6*

DR. PERRY

127-128. Teacher's Philosophy of Life

*First and second terms**2 points**Tuesday, 5-6*

PROFESSOR HORNE

129-130. Moral and Religious Education

*First and second terms**2 points**Tuesday, 4-5*

PROFESSOR HORNE

139-140. Principles of Physical Training

*First and second terms**2 points**Tuesday, 5-6*

DR. CRAMPTON

141-142. Principles of Vocational Education

*First and second terms**2 points**Saturday, 2.15-3.15*

DR. PICKETT

143-144. Organization and Management of Vocational Schools

*First and second terms**2 points**Saturday, 3.15-4.15*

DR. PICKETT

157-158. Methods in School and Personal Hygiene

First and second terms

2 points

Tuesday, 4-6

DR. CRAMPTON

History of Education

107. History of Ancient and Mediaeval Education

First term

2 points

Saturday, 11.15-1.15

PROFESSOR HORNE

108. History of Modern Education

Second term

2 points

Saturday, 11.15-1.15

PROFESSOR HORNE

Secondary Education

161-162. Principles of Secondary Education

First and second terms

4 points

Thursday, 4-6

PROFESSOR KOHL

163-164. The Teaching of English in High Schools

First and second terms

4 points

Tuesday, 4-6

DR. LAW

165-166. Method of Teaching Mathematics in High Schools

First and second terms

4 points

Saturday, 9.15-11.15

MR. SCHLAUCH

167. The Mathematical Curriculum of the Secondary School

First term

2 points

Monday and Wednesday, 4-5

MR. SCHLAUCH

169-170. Method of Teaching History in High Schools

First and second terms

4 points

Tuesday, 4-6

PROFESSOR KOHL

171-172. Observation of High Schools

First and second terms

4 points

Wednesday, 4-5

PROFESSOR KOHL

Elementary Education

37-38. Sources and Methods in Stories and Story Telling

First and second terms

2 points

Monday, 4-5

MISS MILLS

45-46. Woodwork for Teachers in Elementary Schools*First and second terms**2 points**Tuesday, 7-9*

MR. GRISWOLD

133. The Pedagogy of Geography (Discussion of Matter)*First term**1 point**Thursday, 4-5*

DEAN BALLIET

To receive credit, students must elect 134 also

134. The Pedagogy of Geography (Discussion of Method)*Second term**1 point**Thursday, 4-5*

DEAN BALLIET

To receive credit, students must take 133 also

135. The Pedagogy of Arithmetic*First term**1 point**Thursday, 5-6*

DEAN BALLIET

To receive credit, students must elect 136 also

136. The Pedagogy of Reading*Second term**1 point**Thursday, 5-6*

DEAN BALLIET

153-154. Methods of Teaching English in Elementary Schools*First and second terms**2 points**Tuesday, 4-5*

DR. KLAPPER

Methods of Teaching Commercial Subjects

The following courses given by members of the faculty of the School of Commerce, Accounts and Finance, are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1-2. Methods of Teaching Bookkeeping, Office Practice and Accounting*First and second terms**4 points**Monday, 4-6, or*

ASSISTANT PROFESSOR BARBER

Wednesday, 7.45-9.45

ASSISTANT PROFESSOR BARBER

3. Methods of Teaching Business Arithmetic*First term**2 points**Monday, 6-7.45, or*

MR. VAN TUYL

*Second term**Saturday, 9.15-10.15*

4. Methods of Teaching Commercial Geography, Business Law and Economics*First term**2 points**Saturday, 9.15-10.15, or*

ASSISTANT PROFESSOR BARBER

*Second term**Monday, 6-7.45***11. Methods of Teaching Business English***First term**2 points**Friday, 6-7.45*

MISS DREW

25-26. Stenography (Isaac Pitman)*First and second terms**4 points**Saturday, 1.15-2.15 and 3.15-4.15*

MR. FRANK

27-28. Stenography (Gregg)*First and second terms**4 points**Saturday, 1.15-2.15 and 3.15-4.15*

MR. McNAMARA

29. Methods of Teaching Stenography and Typewriting*First term**2 points**Saturday, 2.15-3.15 and 4.15-5.15*

MR. FRANK

30. Methods of Teaching Stenography (Pitman)*Second term**2 points**Saturday, 2.15-3.15 and 4.15-5.15*

MR. FRANK

32. Methods of Teaching Stenography (Gregg)*Second term**2 points**Saturday, 2.15-3.15 and 4.15-5.15*

MR. FRANK

101-102. Applied Methods of Teaching Commercial Subjects*First and second terms**4 points**Wednesday, 4-6*

ASSISTANT PROFESSOR BARBER

EDUCATION OF DEFECTIVES

For announcements of courses, see special bulletin of this department.

ENGLISH

CONSULTATION HOURS: *Professor Bouton, Saturdays in October, 9.00 to 9.15, and 11.10 to 11.20 A.M.; Assistant Professor Nason; Saturdays in October, 1.10 P.M.; Assistant Professor Allen, Tuesdays in October, 4.00 P.M.; Assistant Professor Whyte, Mondays in October, 4.00 P.M.; Assistant Professor Watt, Assistant Professor Tonsor, Mr. Bergh, Dr. Law and Mr. Briggs, may be consulted at Washington Square at the beginning or the close of any regular lecture.*

Those who wish to elect majors or minors in English should consult with Professor Bouton. The general regulations concerning majors and minors are published on page 38. English 31-32, or a satisfactory equivalent, are required of all students in the Washington Square College, but they may not be credited toward a major or a minor in English. Courses 1-2, in English Composition and Rhetoric of subjunior grade, given at Washington Square in the Extramural Division by Assistant Professor Watt during the first and second terms, on Friday evenings, from 7.45 to 9.45, will be accepted by the Washington Square College as meeting the requirement just stated.

Composition

1-2. English Composition and Rhetoric

This course given in the Extramural Division is designed primarily for students of subjunior grade. It will be accepted, however, in the Washington Square College, in lieu of English 31-32, both as meeting the requirements in English Composition and as sufficient prerequisite for English 51-52.

First and second terms

4 points

Friday, 7.45-9.45

ASSISTANT PROFESSOR WATT

11-12. Business English

Lectures deal with the general principles of effective expression and impression and with their application to the types of composition most frequently used in business. Correspondence receives special attention. Much practice is given in the actual work of composition.

First and second terms

4 points

Monday, 4-6

ASSISTANT PROFESSOR KILDUFF

Monday, 7.45-9.45

MR. COURTNEY

Tuesday, 7.45-9.45 ASSISTANT PROFESSOR KILDUFF and MR. STANLEY

Wednesday, 9-11

PROFESSOR HOTCHKISS, MR. STANLEY,

or MR. COURTNEY

Thursday, 6-7.45 ASSISTANT PROFESSOR KILDUFF and MR. COURTNEY

11. Business English

Division beginning English 11 in the second term.

Second term

2 points

Friday, 6-7.45

MR. STANLEY

13-14. Practical English Composition

In its attempt to develop the student's ability to write and speak effectively, this course lays its chief emphasis upon the practical ends to be served by the message. This method is applied not only to business letters and reports, but to stories, descriptions, expositions, arguments, and other compositions of literary and technical character.

First and second terms

6 points

Monday, Wednesday, and Friday, 10-11

PROFESSOR HOTCHKISS

18. Advanced Business Correspondence

This course is planned for students who already have had considerable business experience in writing business letters or who have taken English 11-12. Among the topics discussed are the following: Credit and collection letters, adjustment letters, letters building good-will and trade, argumentative letters, correspondence manuals, correspondence systems, etc.

Second term

2 points

Monday, 7.45-9.45

MR. KILDUFF

31. English Composition

Short themes, with a review of the technical processes of composition. Primarily for juniors and seniors.

First term

2 points

Saturday, 9.15-11.15

PROFESSOR NASON

32. English Composition (Prerequisite: English 31)

Long themes, especially in expository, critical, and narrative writing.

Second term

2 points

Saturday, 9.15-11.15

PROFESSOR NASON

Public Speaking**33-34. Oral Composition**

The work of this course will lay emphasis on two phases. *Constructive:* What to talk about, interest as a basis of self-expression; stimulation of clear and constructive thinking; vocabulary. *Corrective:* Rhetorical errors; enunciation, stammering, etc.; voice placement, self-consciousness; mannerisms.

First and second terms

4 points

Thursday, 4-6

MR. BRIGGS

35-36. Argumentation and Public Speaking—Division A

Argumentation: Analysis, evidence, methods of research, brief drawing, processes of argument, refutation, debates; argumentative speeches.

Public Speaking: Speech composition, persuasion, different types of speeches studied and applied by students in prepared and extemporaneous speeches; gesture; use of voice; individual and class criticism.

First and second terms

4 points

Monday, 7.45-9.45

MR. BERGH

Friday, 6-7.45

35-36. Argumentation and Public Speaking—Division B

First term: The principles underlying argumentative composition, and the application of these principles to the discussion of current topics. The analysis of propositions, evidence, principles and methods of research, brief drawing, composition of a forensic, debates.

Second term: The rhetorical and psychological principles underlying the composition and delivery of speeches. Phonetics and personal address. Practice in the composition and delivery of short speeches.

First and second terms

4 points

Section 1, Saturday, 9.15-11.15

ASSISTANT PROFESSOR TONSOR

Section 2, Saturday, 1.15-3.15

Literature and Language**37-38. The History of English Literature**

A view of the progress of English literature from the old English period to the nineteenth century, with a presentation of its chief facts in their relation to social and literary tendency. Readings in representative literature.

First and second terms

4 points

Saturday, 11.15-1.15

PROFESSOR BOUTON

Monday, 4-6

ASSISTANT PROFESSOR WATT

39-40. Nineteenth Century Poetry

Nineteenth Century Poetry and its relation to the scientific, religious, and social life of the century. Representative works of Byron, Shelley, Keats, Tennyson, Swinburne, Morris, Browning, and other poets, including those of the present day, will be studied.

First and second terms

4 points

Friday, 4-6

ASSISTANT PROFESSOR WATT

[41. The Contemporary Drama. Ibsen, his life and work.

First term

2 points

Not given in 1917-1918

ASSISTANT PROFESSOR ALLEN]

[42. The Contemporary Drama*Second term**2 points**Not given in 1917-1918*

ASSISTANT PROFESSOR ALLEN]

45-46. Advanced Argumentation and Public Speaking

Preparation of speeches for large audiences, assemblies, mass meetings, and the like. Special drill in voice production and enunciation. Occasional use will be made of the Auditorium at University Heights.

*First and second terms**4 points**Saturday, 3.15-5.15*

ASSISTANT PROFESSOR TONSOR

51-52. Advanced Composition

Open only to students who have had English 1-2 or 31-32, or the equivalent. A study of the psychological principles of composition with an analysis of models and practice in writing. First term: expository types; literary style. Second term: description and narration.

*First and second terms**4 points**Friday, 4-6*

ASSISTANT PROFESSOR WATT

101-102. The Essay in English

A study of the beginnings, nature, and historical development of the essay in English Literature. The readings will include Bacon, Montaigne, Sir Thomas Browne, Addison, Steele, Johnson, Hazlitt, De Quincey, Lamb, Thackeray, Matthew Arnold, Pater and Stevenson,

*First and second terms**4 points**Saturday, 9.15-11.15*

PROFESSOR BOUTON

103-104. English Drama

The origin and history of the drama in England until 1590. The Miracle Play, the Morality, the Interlude, the Chronicle Play, the work of the Early Elizabethans. In the second semester, a detailed study of some of the plays of Shakespeare.

*First and second terms**4 points**Thursday, 4-6*

ASSISTANT PROFESSOR ALLEN

105-106. Studies in Eighteenth Century Literature

The neo-classical writers. Neo-classicism in England from the Restoration to the age of Johnson.

*First and second terms**4 points**Friday, 4.15-6.15*

PROFESSOR NASON

[107-108. Studies in Eighteenth Century Literature

The Reaction from neo-classical writers

*First and second terms**4 points**Not given in 1917-1918*

PROFESSOR NASON]

109-110. Anglo-Saxon

Study of the grammar and syntax of Anglo-Saxon. Reading of prose, and of Beowulf. Anglo-Saxon versification.

First and second terms

4 points

Monday, 4-6

ASSISTANT PROFESSOR WHYTE

111-112. Chaucer

A reading of the chief works of Chaucer as an introduction to middle English literature. Emphasis is placed on Chaucer's literary qualities as artist and interpreter of life—especially of medieval life.

First and second terms

4 points

Saturday, 9.15-11.15

MR. ———

NOTE. For the course, *Introduction to the Science of Language* see Department of German.

FINANCE

The following courses given by members of the Faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1-2. Private Finance

First and second terms

4 points

Wednesday, 6-7.45, or

PROFESSOR GERSTENBERG

and MR. ETTINGER

Thursday, 4-6, or

MR. ETTINGER

Thursday, 7.45-9.45

PROFESSOR GERSTENBERG

and MR. ETTINGER

Monday, 11-12, and Wednesday, 12-1

MR. ETTINGER

A combined section of Finance 1-2 will be offered in the second term, Monday and Wednesday, 9-10, and Friday, 9-11.

3. Money and Credit

First term

2 points

Tuesday, 7.45-9.45, or

DEAN JOHNSON and PROFESSOR FISHER

Wednesday and Friday, 10-11, or

ASSISTANT PROFESSOR FOSTER

Friday, 6-7.45

ASSISTANT PROFESSOR FOSTER

4. Theory and History of Banking

Second term

2 points

Tuesday, 7.45-9.45

DEAN JOHNSON

Wednesday and Friday, 10-11, or

ASSISTANT PROFESSOR FOSTER

Friday, 6-7.45

ASSISTANT PROFESSOR FOSTER

5. Banking Practice*First term**2 points**Wednesday, 7.45-9.45*

MR. JEFFERSON

8. Foreign Exchange*Second term**2 points**Friday, 6-7.45*

MR. ESCHER

9-10. Mathematics and Statistics of Finance*First and second terms**6 points**Monday, Wednesday and Friday, 10-11*

MR. MYERS

12. Savings Banks and Co-operative Credit Institutions*Second term**2 points**Monday, 7.45-9.45*

DR. McCALEB

17. Taxation Problems in States and Municipalities*First term**2 points**Wednesday, 7.45-9.45*

PROFESSOR FRIDAY

21. Physical Construction and Operation of Public Utilities*First term**2 points**Tuesday, 6-7.45*

MR. EDSALL

22. Public Utilities Finance*Second term**2 points**Tuesday, 6-7.45*

PROFESSOR GERSTENBERG

23. Railway Finance*First term**2 points**Tuesday, 6-7.45*PROFESSOR GERSTENBERG
and MR. MEYER**24. Panics and Depressions***Second term**2 points**Thursday, 7.45-9.45*

MR. HICKERNELL

25. Public Utility Valuation*First term**2 points**Friday, 7.45-9.45*

PROFESSOR FRIDAY

26. Public Utility Rate Making*Second term**2 points**Friday, 7.45-9.45*

PROFESSOR FRIDAY

33-34. Security Investments

First and second terms

4 points

*Thursday, 6-7.45, or**Tuesday and Thursday, 9-10*

35. Bond and Brokerage Houses

First term

2 points

Monday, 7.45-9.45

MR. TODMAN

36. Stock Exchange and Speculation

Second term

2 points

Monday, 7.45-9.45

MR. TODMAN

39. Life Insurance

First term

2 points

Tuesday and Thursday

41. Insurance Law and Practice

First term

2 points

Wednesday, 7.45-9.45

MR. HARDY

42. Principles of Insurance

Second term

2 points

Wednesday, 7.45-9.45

MR. HARDY

43-44. Fire Insurance

First and second terms

4 points

Thursday, 6-7.45, or

MR. HARDY

Tuesday and Thursday, 11-12

45-46. Real Estate

First and second terms

4 points

Monday and Wednesday, 10-11, or

MR. ETTINGER

Tuesday, 6-7.45

MR. BENSON

47. Credit Problems

First term

2 points

Wednesday, 7.45-9.45

MR. GOLIEB

48. Credits and Collections

Second term

2 points

Thursday, 2-4, or

MR. ETTINGER

Wednesday, 7.45-9.45

MR. GOLIEB

51-52. Financial Investigations*First and second terms**4 points**Monday, 4-6*

PROFESSOR FRIDAY

101-102. Finance Seminar*First and second terms**4 points**Wednesday, 2-4*

PROFESSOR GERSTENBERG

FRENCH**1-2. Elementary Course—Section A**

This course, designed for students who have had no training in French, aims to give a thorough grounding in the essentials of French grammar. It attempts also to meet the needs of graduate students who desire a reading knowledge of French for graduate work.

*First and second terms**4 points**Wednesday, 4-6*

MR. SCHWARZ

1-2. Elementary Course—Section B

This course is given in the Extramural Division as the equivalent of French 1-2, Elementary Course—Section A, and will be accepted in lieu of that course.

*First and second terms**4 points**Tuesday, 7.45-9.45*

MR. SCHWARZ

3-4. Intermediate Course (Prerequisite: French 1-2)

This course will consist mainly in the reading of a number of works of standard authors for the purpose of acquiring a practical vocabulary. It will include a careful study of irregular verbs and elementary idioms. The work will be supplemented by easy prose composition, and, as far as practicable, the French language will be used in class.

*First and second terms**4 points**Div. a, Thursday, 4-6*

MR. SCHWARZ

*Div. b, Saturday, 11.15-1.15***5-6. Advanced Course—Section A (Prerequisites: French 1-2, 3-4)**

The work of this course will consist in the reading of more advanced texts, including prose, poetry and drama. A detailed study will be made of the more difficult rules of French syntax. Special emphasis will be laid throughout the course upon conversation.

*First and second terms**4 or 6 points**Saturday, 9.15-11.15, or*

MR. SCHWARZ

Monday, Wednesday, and Friday, 11-12

MR. ———

5-6. Advanced Course—Section B (Prerequisites: French 1-2, 3-4)

This course is given in the Extramural Division as the equivalent of French 5-6, Advanced Course, Section A, and will be accepted in lieu of that course.

First and second terms

4 points

Monday, 7.30-9.30

MR. SCHWARZ

7-8. First Year Commercial French

The aim of this elementary course is to give in a short time a fair knowledge of French grammar and of French commercial terms with a correct pronunciation. The class will be conducted in French.

First and second terms

4 points

Tuesday, 7.45-9.45

DR. ROUGIER

9-10. Second Year Commercial French

This course is devoted to commercial correspondence. Models of all kinds of letters will be given; circulars, letters of recommendation, introduction and inquiry, letters concerning commercial transactions, proper forwarding of goods, letters of credit, and so on.

First and second terms

4 points

Tuesday, 6-7.45

DR. ROUGIER

11-12. General Introduction to French Literature (Prerequisites: French 1-2, 3-4, and 5-6)

The object of this course is to acquaint the student with the leading facts in the history of French literature. The work of the course consists of the study of a standard history of French literature, supplemented by lectures, reports, and the reading of extracts.

First and second terms

4 points

Saturday, 9.15-11.15

ASSISTANT PROFESSOR HEATON

13-14. Nineteenth Century Authors (Prerequisites: French 1-2, 3-4, and 5-6)

Representative works of the following authors will be assigned for outside reading: Chateaubriand, Hugo, Musset, Lamartine, de Vigny, Flaubert, Balzac, Augier, Dumas, Mérimée, Gautier, Daudet, Maupassant, Anatol France, Leconte de Lisle, Bazin, Rostand, and others. The work will be supplemented by lectures on the literary movements of the century.

First and second terms

4 points

Tuesday, 4-6

MR. SCHWARZ

15. The French Short Story (Prerequisites; 1-2, 3-4, 5-6, and 11-12 or 13-14)

A brief history of the short story in France together with readings from representative authors in this field. Reports on collateral readings.

First term

2 points

Wednesday, 2-4, or hours by arrangement

MR. SCHWARZ

16. The French Novel (Prerequisites: French 1-2, 3-4, 5-6, and 11-12 or 13-14)

A brief history of the French novel and selected readings from representative novelists. Lectures on the general literary movements to which the French novel has conformed. Written or oral reports on collateral reading.

Second term

2 points

Wednesday, 2-4, or hours by arrangement

MR. SCHWARZ

17-18. The Development of French Comedy (Prerequisite: French 1-2, 3-4, 5-6, 11-12 or 13-14)

A study of the comedy from Molière to Dumas fils. Selected plays of Molière, Beaumarchais, Marivaux, Musset, Augier and Dumas fils will be read in class. Other plays will be assigned for outside reading. The work will be supplemented by lectures in French on the history of comedy and by reports on the collateral reading.

First and second terms

4 points

Friday, 4-6

MR. SCHWARZ

[19-20. The Development of French Tragedy (Prerequisites: French 1-2, 3-4, 5-6, 11-12 or 13-14)

First and second terms

4 points

Not given in 1917-1918

MR. SCHWARZ]

[101-102. Introduction to Phonetics

First and second terms

4 points

Not given in 1917-1918

PROFESSOR BABCOCK]

[103-104. Romance Versification

First and second terms

4 points

Not given in 1917-1918

PROFESSOR BABCOCK]

Note. For course, *Introduction to the Science of Language*, see Department of German.

Major: 5-6, 11-12, 13-14, 15-16, or 17-18, and 101-102.

Minor: 5-6, 11-12, 13-14, or 15 and 16.

GEOGRAPHY AND GEOLOGY

1. Geography of the Land

The process in operation on the earth's surface and the history and characteristics of resulting physiographic forms; cycles of development in rivers, coasts, and other continental features; and physiographic control of life. Text: Salisbury's *Physiography*. The lectures in this and the following courses are illustrated by maps, sections, lantern slides, and specimens.

*First term**2 points**Saturday, 9.15-11.15*

PROFESSOR WOODMAN

2. Geography of the Atmosphere and Ocean

The earth as a whole, as given in that part of geography called mathematical; the characteristics of the ocean—its distribution, composition, movements, and life; and the meteorological work of the atmosphere, constitute the theme of the course. Those portions of the subject of service in elementary and secondary schools will receive especial attention.

*Second term**2 points**Saturday, 9.15-11.15*

PROFESSOR WOODMAN

[3-4. Physiography of North America

*First and second terms**4 points**Not given in 1917-1918*

PROFESSOR WOODMAN]

5-6. General Geology

The processes which have given the earth its present surface, such as the work of the atmosphere, running water, ice, the ocean, volcanoes, earthquakes, etc., together with a study of rocks and their structures. The origin and history of the earth are treated, including an account of the successive assemblages of life forms characteristic of each geologic period. Text: Cleland's *Geology, Physical and Historical*.

*First and second terms**4 points**Wednesday, 4-6*

ASSISTANT PROFESSOR FINLAY

Note: Laboratory and field work supplementary to Courses 1, 2, and 5-6 is given during the Summer School.

7. Principles of Economic Geography

This and the following course treat of the dependence of mankind upon the earth's history and the physiographic features upon which that dependence rests. Course 7 considers: (1) *Fundamental Factors*—agents of change; effects of location, topography, climate; and mineral resources. (2) *Secondary Factors*—vegetable and animal resources and the reactions between man and his environment.

*First term**2 points**Wednesday, 7.45-9.45, or*

PROFESSOR WOODMAN

*Tuesday, 2-4***8. Industrial and Commercial Geography**

This course deals with the application of geographic factors in: (1) *Industries*—vegetable, animal, and mineral; power and manufacturing; and the expansion of resources and industries. (2) *Commerce*—laws of trade; transportation and trade routes; development and functions of trade centers; and the geographic influences upon commercial policies of nations. Text: J. Russell Smith's *Industrial and Commercial Geography*.

*Second term**2 points**Wednesday, 7.45-9.45, or*

PROFESSOR WOODMAN

*Tuesday, 2-4***[9-10. Glacial Geology***First and second terms**4 points**Not given in 1917-1918*

DR. EARLE]

11-12. Mineralogy

The systematic study of 150 minerals, including those mined as ores, those generally accompanying ore minerals, and those fundamental for the detailed study of rocks. The work of the course will consist of lectures and demonstrations. Illustrative material will be furnished, and each student will be given a printed syllabus.

*First and second terms**2 points**Saturday, 2-4*

ASSISTANT PROFESSOR FINLAY

[13-14. Economic Geography*First and second terms**4 points**Not given in 1917-1918*

ASSISTANT PROFESSOR FINLAY]

15-16. Physical and Economic Geography of the Metropolitan Region

A detailed study of the physiography and economic geography of the states of New York and New Jersey. The commercial importance of Greater New York and its environs as a factor in the nation's develop-

ment will be emphasized. Lectures supplemented by reading and reporting from original sources.

First and second terms

4 points

Saturday, 11.15-1.15

PROFESSOR WOODMAN

17. Economic Geography of Europe

The commercial and industrial geography of the continent is considered from the point of view of geographic causes and influences. The relations of the conditions in Europe to the present and future status of the United States will be treated.

First term

2 points

Thursday, 7.45-9.45

PROFESSOR WOODMAN

18. Economic Geography of Pan-America

This course follows essentially the same lines as Course 17, the central theme being the geographic factors controlling the economics of the two hemispheres. Special consideration is given to the future of the United States in her economic relations with other countries.

Second term

2 points

Thursday, 7.45-9.45

PROFESSOR WOODMAN

19-20. Elementary Historical Geology

First and second terms

4 points

Monday, 4-6

ASSISTANT PROFESSOR FINLAY

[102. History of Geology and Physiography

Second term

2 points

Not given in 1917-1918

DR. EARLE]

111, 112. Discussion of Special Topics

Two hours lecture or conference weekly throughout the year, with library work and a thesis. The subject-matter of the course is divided into three parts: (1) Methods of field work and its reporting; (2) Methods of library work, including bibliography and thesis construction; (3) The study of selected problems in Geology, Physiography, or Economic Geography.

First and second terms

2 or 4 points

Tuesday, 4-6

PROFESSOR WOODMAN

Major: (A) 1, 2, 3-4, or 15-16, 7, 8, 17, 18, and 111, 112

(B) 1-2, 5-6, 11-12, 13, 14, 19-20, and 111, 112

Minor: (A) 1, 2, 3-4, or 15-16, and 111, 112

(B) 7, 8, 17, 18, and 111, 112

(C) 5-6, 11-12, or 19-20, and 111, 112

Note. Combinations of these geographical and geological series may be made by permission of Professor Woodman.

GERMAN

1. Beginners' Course—

Pronunciation, accidence, elementary syntax, easy reading, and the writing of simple sentences.

First term

2 points

Friday, 4.15-6.15

MR. BRENNECKE

2. Beginners' Course— (Prerequisite: German 1, or equivalent)

Accidence, syntax, idioms, vocabulary, graded readings, and easy composition.

Second term

2 points

Friday, 4.15-6.15

MR. BRENNECKE

3. Simple Narrative Prose (Prerequisites: German 1 and 2, or equivalents)

Review of grammatical forms; idioms, vocabulary, and graded readings.

First term

2 points

Saturday, 11.15-1.15

MR. BRENNECKE

4. Narrative Prose (Prerequisite: German 3, or equivalent)

Review of syntax; idioms, vocabulary, graded readings, and composition.

Second term

2 points

Saturday, 11.15-1.15

MR. BRENNECKE

5. Commercial and Historical Prose (Prerequisites: German 1, 2, 3, and 4, or equivalents)

Readings in commercial and historical prose, advanced syntax, composition. Ballod's *Die deutsch-amerikanischen Handelsbeziehungen*.

First term

2 points

Monday, Wednesday and Friday, 11-12

MR. BRENNECKE

6. Commercial and Historical Prose (Prerequisite: German 5, or equivalent.)

Schönfeld's *German Historical Prose* and Von Sybels *Die Erhebung Europas gegen Napoleon I.*; advanced syntax, prose composition.

Second term

2 points

Monday, Wednesday and Friday, 11-12

MR. BRENNECKE

7. The Classical Drama (Prerequisites: German 5 and 6, or equivalents.)

Lessing, lectures on the classical period, short themes.

First term

2 points

Saturday, 9.15-11.15

MR. BRENNECKE

8. The Classical Drama (Prerequisite: German 7, or equivalent)

Goethe and Schiller, lectures on the classical period, short themes.

Second term

2 points

Saturday, 9.15-11.15

MR. BRENNECKE

9. Composition and Conversation (Prerequisite: German 8, or equivalent)

Graded written exercises, and oral drill.

First term

2 points

Thursday, 4.15-6.15

MR. BRENNECKE

10. Composition and Conversation (Prerequisite: German 9, or equivalent)

Simple themes and oral drill.

First term

2 points

Thursday, 4.15-6.15

MR. BRENNECKE

11. The Post-classical Drama (Prerequisites: German 7 and 8, or equivalents)

Kleist's *Prinz von Homburg*; Grillparzer's *Sappho* and *Der Traum ein Leben*; lectures, and short themes. A junior-senior course.

First term

2 points

Saturday, 11.15-1.15

ASSISTANT PROFESSOR WHYTE

12. The Post-classical Drama (Prerequisites: German 11, or equivalent)

Hebbel's *Herodes und Mariamne* and *Agnes Bernauer*; Ludwig's *Der Erbförster*; lectures, and short themes. A junior-senior course.

Second term

2 points

Saturday, 11.15-1.15

ASSISTANT PROFESSOR WHYTE

13. Lyric Poetry (Prerequisites: German 7 and 8, or equivalents)

Selections from the period from Günther to Scheffel inclusive, lectures, short themes. A junior-senior course.

First term

2 points

Monday, 4.15-6.15

MR. BRENNECKE

14. Ballad Poetry (Prerequisites: German 7 and 8, or equivalents)

Selections from the period from Bürger to Uhland inclusive, lectures, short themes.

Second term

2 points

Monday, 4.15-6.15

MR. BRENNER

103-104. The following choice is offered:**(a) Introduction to Middle High German** (Prerequisites: German 11, 12, 13, and 14, or equivalent)

First term—Phonology, accentuation, and the reading of six cantos of the *Nibelungenlied*. Paul's *MHD Grammatik*, Zarncke's *Nibelungenlied*, and Lexer's smaller lexicon. Second term—The syntax, the reading of fourteen cantos of the *Nibelungenlied*, lectures on the genesis of this epic.

First and second terms

4 points

Tuesday, 4.15-6.15

PROFESSOR McLOUTH

(b) Introduction to Gothic (Prerequisites: Same as in (a))

First term—Phonology, accentuation, and reading of easier selections from Wulfila's Gospels. Braune's *Gotische Grammatik*, Streitberg's *Urgermanische Grammatik*. Second term—The reading of selections from Wulfila's Gospels and from the *Skeireins*, with lectures, and exercises in German and English etymology.

First and second terms

4 points

Tuesday, 4.15-6.15

PROFESSOR McLOUTH

105-106. The following choice is offered:**(a) Elementary Old Norse** (Prerequisites: Same as in 103-104)

Phonology, inflection, syntax; Noreen's *Grammatik*, easy texts.

First and second terms

4 points

Wednesday, 4.15-6.15, or by arrangement

ASSOCIATE PROFESSOR WILKENS

(b) Elementary Old High German (Prerequisites: Same as in 103-104)

Phonology, inflection, syntax; Braune's *Grammatik* and *Lesebuch*.

First and second terms

4 points

Wednesday, 4.15-6.15, or by arrangement

ASSOCIATE PROFESSOR WILKENS

Mod. Lang. 101-102. Introduction to the Science of Language

Phonetics, laws of sound changes, psychology of language; lectures, discussion, practice.

First and second terms

4 points

Monday, 4.15-6.15

ASSOCIATE PROFESSOR WILKENS

Those who wish to select majors or minors in German should consult Professor McLouth.

GOVERNMENT AND PUBLIC AFFAIRS

The following courses given by members of the faculty of the Graduate School and of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1-2. American Government

First and second terms

4 points

Tuesday, 6-7.45, or

ASSISTANT PROFESSOR MCLEOD

Friday, 11-1

3-4. Principles of Politics

First and second terms

4 points

Friday, 6-7.45

PROFESSOR JENKS

Tuesday and Thursday, 10-11

MR. R. D. SMITH

5-6. The Relation of Government to Business

First and second terms

4 points

Thursday, 6-7.45

PROFESSOR JENKS

17. Consular Service of the United States

First term

2 points

Tuesday, 7.45-9.45

DR. CRECRAFT

18. Diplomatic Protection of Citizens and Property Abroad

Second term

2 points

Tuesday, 7.45-9.45

DR. CRECRAFT

21. Municipal Government

First term

2 points

Tuesday and Thursday, 11-12

ASSISTANT PROFESSOR LOOMIS

22. Municipal Administration

Second term

2 points

Tuesday and Thursday, 11-12

ASSISTANT PROFESSOR LOOMIS

23-24. Municipal Finance*First term**2 points**Monday, 7.45-9.45*

ASSISTANT PROFESSOR LOOMIS

47-48. Immigration*First and second terms**4 points**Monday and Wednesday, 10-11*

MR. R. D. SMITH

49-50. Public Affairs of the City of New York*First and second terms**4 points**Monday, 7.45-9.45*

MR. R. D. SMITH and MR. MAXWELL

51-52. International Law as Developed by Diplomacy*First and second terms**4 points**Tuesday, 4-6*

DR. CRECRAFT

113-114. Special Topics in Public Administration*First and second terms**4 points**Tuesday, 7.45-9.45*

ASSISTANT PROFESSOR MCLEOD

GREEK**1-2. Vocabulary and Elements of Grammar**

Grammar and prose reading, mainly from Xenophon. The work is intended for teachers and students of modern languages primarily, by showing how Greek has entered into and influenced the vocabulary and grammar of modern languages. Some knowledge of the essentials of Latin grammar is helpful.

*First and second terms**4 points**Hours to be arranged*

MR. ———

3-4. Simple Prose

Xenophon and Plato and New Testament. Some knowledge of Greek forms and syntax is required. This course is intended to systematize the student's knowledge of Greek so that he may feel encouraged to read ordinary prose at sight, and put illustrative sentences in English into Greek.

*First and second terms**4 points**Hours to be arranged*

PROFESSOR WATERS

5-6. Homer

His dialect and vocabulary. Homer the poet, and the object of study and literary criticism. His place in later literature, and in archaeology. A course primarily for teachers and somewhat advanced students of

Greek. Selected portions of the Iliad and the Odyssey, with English readings.

First and second terms

4 points

Hours to be arranged

PROFESSOR WATERS

[105-106. Art and Religion

Under Greek art is included the study of sculpture, architecture painting, coins, gems, etc. This is merged with the study of the religious life of the Greeks, in the direction of ritual, philosophy and mythology.

First and second terms

4 points

Not given in 1917-1918

PROFESSOR WATERS]

107-108. History of Greek Literature

A course in extensive reading of the best portions of the literature with the main emphasis on Homer the dramatist, and Plato.

First and second terms

4 points

Saturday, 9.15-11.15

PROFESSOR WATERS

HISTORY

[1-2. History of Europe from 375 to the Reformation—Section A

First and second terms

4 points

Not given in 1917-1918

ASSISTANT PROFESSOR JONES]

1-2. History of Mediaeval Europe—Section B

History of the development of European Civilization from 375 to the Reformation.

First and second terms

4 points

Thursday, 4-6

MR. PARK

3-4. History of Europe from the Reformation to 1870—Section A

This course offers a general survey of the development of Western Europe, from the time of the Religious Wars until the Franco-Prussian War and, like History 1, serves as an introduction to the further study of European History. It will be given alternately with History 1-2.

First and second terms

4 points

Saturday, 11.15-1.15

ASSISTANT PROFESSOR JONES

5-6. Political and Constitutional History of the United States

Prefaced by a brief period of the Colonial Period, this course will treat of the general political and constitutional development of our national history from the beginning of the Revolution through the Period of Reconstruction.

First and second terms

4 points

Saturday, 9.15-11.15

PROFESSOR BROWN

[7-8. Political and Constitutional History of England—Section A

First and second terms . . . 4 points
Not given in 1917-1918]

7-8. Political and Constitutional History of England—Section B

This course is given in the Extramural Division as the equivalent of History 7-8, Section A, and will be accepted in lieu of that course.

First and second terms . . . 4 points
Wednesday, 7.45-9.45 DR. MUSSER

9-10. Mediaeval and Modern Europe

A general introductory course in the history of Europe from the time of the barbarian invasions to the present day, with emphasis on the development of modern institutions and nationalities.

First and second terms . . . 6 points
Monday, Wednesday, and Friday, 9-10 DR. MUSSER

15-16. Social and Industrial History of Modern England

A study of the social and industrial factors in the growth of modern England since the middle of the Eighteenth Century, with special emphasis laid upon the influence exerted by these factors upon political history.

First and second terms . . . 4 points
Tuesday, 4-6 MR. PARK

[101-102. Critical Study of the French Revolution and Napoleonic Era

First and second terms . . . 4 points
Not given in 1917-1918 ASSISTANT PROFESSOR JONES]

[103-104. The Revolutionary Period in American History (Prerequisite: History 5-6)

First and second terms . . . 4 points
Not given in 1917-1918 PROFESSOR BROWN]

[105-106. The Civil War Period in American History (Prerequisite: History 5-6)

First and second terms . . . 4 points
Not given in 1917-1918 PROFESSOR BROWN]

[109-110. The History of France until 1789

First and second terms . . . 4 points
Not given in 1917-1918 ASSISTANT PROFESSOR JONES]

111-112. Studies in Mediaeval History (Prerequisite: History 1-2)

The aim of this course will be to study in detail, with careful use of the available sources, a few special fields in the History of Mediaeval Europe. Particular attention will be given to historical bibliography.

First and second terms 4 points

Thursday, 4-6. *University Heights* ASSISTANT PROFESSOR JONES

[113-114. History of Germany until 1870 (Prerequisite: History 1-2)

First and second terms 4 points

Not given in 1917-1918 ASSISTANT PROFESSOR JONES]

115-116. American Foreign Relations (Prerequisite: History 5-6)

The history of foreign relations from the movement for recognition of our independence to the present day. Special attention will be paid to the development of the Department of State, settlement of boundaries, expansion, Monroe Doctrine, and our relations with the main European powers and South America.

First and second terms 4 points

Monday, 4-6 DR. MUSSEY

Major: 1-2, 3-4, 5-6 (or 7-8), and any two additional courses

Minor: 1-2 (or 3-4), 5-6 (or 7-8), and one additional course

HOME ECONOMICS

For announcements of courses, see special bulletin of this department.

ITALIAN**1-2. Elementary Course—Section A**

The aim of this course is to give to the student a practical knowledge of the fundamentals of Italian grammar and a vocabulary sufficiently large to carry on conversation in Italian on subjects of everyday life. The student will also be trained to read simple Italian prose.

First and second terms 4 points

Tuesday, 4-6 ASSISTANT PROFESSOR RACCA

1-2. Elementary Italian—Section B

This course is given in the Extramural Division as the equivalent of Elementary Italian, Section A, and will be accepted in lieu of that course.

First and second terms 4 points

Tuesday, 6-7.45 ASSISTANT PROFESSOR RACCA

3-4. Intermediate Course—Section A (Prerequisites: Italian 1-2, or a speaking knowledge of Italian)

This course will aim to enlarge the vocabulary of the student and enable him to read understandingly the more difficult texts. The systematic study of Italian grammar and syntax will be undertaken. Frequent practice in conversation, reading, composition and letter-writing will be given throughout the year.

*First and second terms**4 points**Monday, 4-6*

ASSISTANT PROFESSOR RACCA

3-4. Intermediate Course—Section B

This course is given in the Extramural Division as the equivalent of Intermediate Italian, Section A, and will be accepted in lieu of that course.

*First and second terms**4 points**Monday, 6-7.45*

ASSISTANT PROFESSOR RACCA

5-6. Advanced Course (Prerequisites: Italian 1-2, 3-4, or a good knowledge of Italian)


The aim of this course is to perfect the knowledge acquired in the preceding years and to give a complete mastery of the Italian language; the exercises in conversation, composition and syntax will be continued; different subjects will be discussed to accustom the student to think and speak in Italian.

*First and second terms**4 points**Wednesday, 4-6*

ASSISTANT PROFESSOR RACCA

7-8. Commercial Italian (Prerequisites: Italian 1-2, 3-4, or a good knowledge of Italian)

Talks on the economic life, commercial laws, customs, accounting, etc., of Italy, on her commercial relations with the rest of the world and especially with the United States and the other states of America; reading, writing of business letters, booklets, and advertisements, catalogs, market reports, etc., in Italian.

 *First and second terms**4 points**Wednesday, 6-7.45*

ASSISTANT PROFESSOR RACCA

105-106. Dante Alighieri*First and second terms**4 points**Not given in 1917-1918*

ASSISTANT PROFESSOR RACCA

107-108. Petrarch, Boccaccio, and the Rinascimento*First and second terms**4 points**Not given in 1917-1918*

ASSISTANT PROFESSOR RACCA

109-110. Italian Literature in the Sixteenth and Seventeenth Centuries

The principal writers and movements of the Sixteenth Century, which produced Ariosto, Tassò and Michiavelli, and of the Seventeenth Century, in which began the decadence of Italian literature, will be studied in their relation to the social, political, intellectual and artistic life of Italy.

First and second terms

4 points

Friday, 4-6

ASSISTANT PROFESSOR RACCA

[111-112. Modern Italian Literature from the Eighteenth Century to the Present

Not given in 1917-1918

ASSISTANT PROFESSOR RACCA

[151-152. Italian Drama

First and second terms

4 points

Not given in 1917-1918

ASSISTANT PROFESSOR RACCA

153-154. The Short Story and the Novel in Italian Literature

A study of the origin and evolution of the Short Story and of the Novel in Italy from the Middle Ages to the present.

First and second terms

4 points

Thursday, 4-6

ASSISTANT PROFESSOR RACCA

[155-156. Epic and Lyric Poetry in Italian Literature

Not given in 1917-1918

ASSISTANT PROFESSOR RACCA

For the course on The Introduction to the Science of Language see German Department, course 101-102

Major: 1-2, 3-4, 5-6 (or 7-8), 109-110. 153-154

Minor: 1-2, 3-4, 5-6 (or 7-8)

JOURNALISM

The following courses given by members of the faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the Department of Journalism.

*The Newspaper***1-2. News Writing**

First and second terms

4 points

Tuesday, 8-10, or

ASSISTANT PROFESSOR LEE

Thursday, 11-1

ASSISTANT PROFESSOR LEE

3-4. News Reporting*First and second terms**Tuesday, 5-8**4 points*

MR. HUGHES

5-6. Current Topics*First and second terms**Monday, 6-7.45**4 points*

MR. ROBERTS

7-8. Newspaper Practice*First and second terms**Thursday, 7.45-9.45**4 points*

MR. DAVIS

9-10. Newspaper Editing and Making*First and second terms**Monday, 4-6**4 points*

ASSISTANT PROFESSOR LEE

11. Editorial Writing*First term**Tuesday, 4-6**2 points*

MR. DAVIS

12. Literary and Dramatic Editing*Second term**Tuesday, 4-6**2 points*

MR. DAVIS

*The Magazine***21-22. Magazine Writing and Special Feature Work***First and second terms**Wednesday, 2-4**4 points*

ASSISTANT PROFESSOR WILSON

23-24. Advanced Magazine Writing*First and second terms**Thursday, 6-7.45**4 points*

ASSISTANT PROFESSOR WILSON

25-26. Short Stories*First and second terms**Wednesday, 4-6**4 points*

ASSISTANT PROFESSOR WILSON

27-28. Magazine Editing and Making*First and second terms**Friday, 6-7.45**4 points*

ASSISTANT PROFESSOR LEE

29-30. Magazine Fiction*First and second terms**Tuesday, 6-7.45**4 points*

ASSISTANT PROFESSOR WILSON

*Supplementary Courses***41-42. History of Journalism***First and second terms**4 points**Tuesday, 11-1*

ASSISTANT PROFESSOR LEE

43-44. Newspaper and Magazine Law*First and second terms**4 points**Friday, 7.45-9.45*

DR. GERDES

45-46. Magazine and Newspaper Verse*First and second terms**4 points**Monday, 7.45-9.45*

MR. KILMER

LATIN**1-2. Beginners' Latin** (Jenner and Wilson, Caesar's First Campaign, Appleton & Company)*First and second terms**4 points*

ASSISTANT PROFESSOR RIESS

3-4. Caesar's Gallic War (Riess and Janes, Caesar, I and II and Sight Reading, American Book Company)*First and second terms**4 points*

ASSISTANT PROFESSOR RIESS

5-6. Cicero's Orations (D'Ooge's Cicero, Sanborn & Company)*First and second terms**4 points*

ASSISTANT PROFESSOR RIESS

7-8. Vergil's Aeneid (Fairclough's Aeneid, Sanborn & Company)*First and second terms**4 points*

ASSISTANT PROFESSOR RIESS

Only one of the courses above will be given each year, according to demand. Students who have a sufficient preliminary knowledge will be given an opportunity, however, to combine two of the courses in one class. These courses will be given on Saturdays, at hours to be arranged at the convenience of students.

9-10. Cicero, Selections from the Letters (Collateral readings from his speeches)*First and second terms**4 points**Saturday, 9.15-11.15*

ASSISTANT PROFESSOR RIESS

11-12. Selections from the Roman Lyric and Elegiac poets (Collateral readings on customs and manners of the time)*First and second terms* 4 points*Saturday, 9.15-11.15* ASSISTANT PROFESSOR RIESS**13-14. Tacitus, Agricola and Germania** (Collateral reading from History and Biography)*First and second terms* 4 points*Saturday, 11.15-1.15* ASSISTANT PROFESSOR RIESS**15-16. Juvenal, Satires** (Collateral reading from Dill's Roman Society and from Friedlander's History of Roman Manners)*First and second terms* 4 points*Saturday, 11.15-1.15* ASSISTANT PROFESSOR RIESS

These courses will be accompanied by exercises in prose composition of appropriate grade.

Note. For course, *Introduction to the Science of Language*, see Department of German.

LAW COURSES

Note. For Woman's Law Class, see last page of this bulletin.

FIRST YEAR**Elements of Law** 2 points*September 24 to October 13*

Morning Division—10 hours per week (taken with Afternoon Division), *daily 4-6 p. m.*

1 hour PROFESSOR ERWIN

Afternoon Division—10 hours per week, *daily 4-6 p. m.*

1 hour PROFESSOR ERWIN

Evening Division—10 hours per week, *daily 8-10 p. m.*

1 hour PROFESSOR SOMMER

This course will begin on September 24, 1917, and continue for thirty hours to October 23, 1917. The first four lectures will be given in the Law Library and conducted by Professor Tompkins.

Contracts 6 points*October 15 to April 1*

Wednesdays, Thursdays, Fridays and Saturdays, 9-10 a. m.

3 hours PROFESSOR AYMAR

Thursdays and Fridays, 4-6 p. m.

3 hours ASSISTANT PROFESSOR

Wednesdays and Fridays, 8-10 p. m.

VANDERBILT
3 hours ASSISTANT PROFESSOR
VANDERBILT

Quasi-Contract 2 points*April 1 to June 1*Textbook—Vanderbilt's Cases on
Quasi-Contract*Tuesdays, 10-12 a. m.**Thursdays, 10-12 a. m.*1 hour ASSISTANT PROFESSOR
VANDERBILT*Thursdays, 4-6 p. m.*1 hour ASSISTANT PROFESSOR
VANDERBILT*Fridays, 4-6 p. m.**Wednesdays, 8-10 p. m.*1 hour ASSISTANT PROFESSOR
VANDERBILT*Fridays, 8-10 p. m.***Torts** 4 points*From October 15*

Textbook—Erwin's Cases on Torts

Saturdays, 10-12 a. m.

2 hours PROFESSOR ERWIN

Mondays and Wednesdays, 3-4 p. m.

2 hours PROFESSOR ERWIN

Mondays, 8-10 p. m.

2 hours PROFESSOR ERWIN

**Property I (Including Personal and
Real)** 6 points*From October 15*Textbook—Walsh's Cases on Prop-
erty*Wednesdays, 10-12 a. m.**Fridays, 11-12 a. m.*

3 hours PROFESSOR WALSH

*Tuesdays, 5-6 p. m.**Wednesdays, 4-6 p. m.*

3 hours PROFESSOR BURNETT

*Tuesdays, 8-10 p. m.**Thursdays, 8-9 p. m.*3 hours ASSISTANT PROFESSOR
SPRAGUE**Persons** 2 points*From October 15**Mondays, 11-12 a. m.*1 hour ASSISTANT PROFESSOR
SPRAGUE*Mondays, 5-6 p. m.*1 hour ASSISTANT PROFESSOR
SPRAGUE*Thursdays, 7-8 p. m.*1 hour ASSISTANT PROFESSOR
SPRAGUE**Criminal Law** 2 points*From October 15*Textbook—Derby's Cases on Crim-
inal Law*Mondays, 9-10 a. m.*

1 hour MR. DERBY

Mondays, 4-5 p. m.

1 hour MR. DERBY

Fridays, 7-8 p. m.

1 hour MR. DERBY

SECOND YEAR

Property II (Continuing Real Property and including Mortgages)	4 points	
Textbooks—Walsh's Cases on Property and Walsh's Cases on Mortgages		
Thursdays and Fridays, 9-10 a.m.	2 hours	PROFESSOR WALSH
Tuesdays, 4-6 p. m.	2 hours	PROFESSOR WALSH
Sales	2 points	
Textbook—Erwin's Cases on Sales		
Tuesdays, 10-11 a. m.	1 hour	PROFESSOR ERWIN
Thursdays, (from October 15) 4-5 p.m.	1 hour	PROFESSOR ERWIN
Fridays, 8-9 p. m.	1 hour	MR. CALLAN
Wills	2 points	
Textbook—Costigan's Cases on Wills, Part I		
Fridays, 11-12 a. m.	1 hour	ASSISTANT PROFESSOR SPRAGUE
Mondays, 5-6 p. m.	1 hour	DR. LIPPINCOTT
Fridays, 7-8 p. m.	1 hour	DR. LIPPINCOTT
Corporations	4 points	
Wednesdays, 9-10 a. m.	2 hours	PROFESSOR BURNETT
Thursdays, 11-12 a. m.	2 hours	PROFESSOR SOMMER
Fridays, 4-6 p. m.	2 hours	PROFESSOR BURNETT
Agency	2 points	
Textbook—Huffcut's Cases on Agency		
Tuesdays (from October 15) 10-11 a. m.	1 hour	PROFESSOR ERWIN
Thursdays, 5-6 p. m.	1 hour	MR. CALLAN
Fridays, 9-10 p. m.	1 hour	MR. CALLAN
Equity Jurisdiction	6 points	
Textbook—Ames' Cases on Equity Jurisdiction		
Wednesdays, 10-12 a. m.		
Thursday, 10-11 a. m.	3 hours	PROFESSOR BURNETT
Wednesdays, 4-5 p. m.		
Saturdays, 2-4 p. m.	3 hours	PROFESSOR KENNESON
Wednesdays, 8-10 p. m.		
Thursdays, 8-9 p. m.	3 hours	PROFESSOR KENNESON

Procedure*4 points*

Textbook—

Mondays, 9-11 a. m.

2 hours PROFESSOR WEBB

*Mondays, 4-5 p. m.**Wednesdays, 5-6 p. m.*

2 hours PROFESSOR WEBB

Mondays, 8-10 p. m.

2 hours PROFESSOR WEBB

MANAGEMENT

The following courses given by members of the faculty of the School of Commerce, Accounts and Finance are open also to students of Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1-2. Principles of Business Administration*First and second terms**4 points**Monday, 2-4, or*

ASSOCIATE PROFESSOR GALLOWAY

**Monday, 6-7.45*

DR. GOWIN

Thursday, 7.45-9.45

ASSOCIATE PROFESSOR GALLOWAY

3-4. Labor Management*First and second terms**4 points**Thursday, 6-7.45*

DR. GOWIN

5-6. Factory Engineering and Cost Reduction*First and second terms**4 points**Friday, 11-1, or*

MR. FICKER

Friday, 7.45-9.45

MR. FICKER

7-8. Factory Organization*First and second terms**4 points**Wednesday, 6-7.45*

ASSOCIATE PROFESSOR GALLOWAY

9. Purchasing*First term**2 points**Monday, 7.45-9.45***11-12. Psychology of Business***First and second terms**4 points**Wednesday, 2-4*

PROFESSOR LOUGH

21. Office Management*First term**2 points**Friday, 4.45-6.45, or**Friday, 7.45-9.45*

MR. SCHULZE

* This section open only to those who have permission of the instructor.

23-24. Retail Store Management*First and second terms**4 points**Friday, 7.45-9.45*

DR. GOWIN

25. Wholesale Merchandising*First term**2 points**Monday, 6-7.45*

MR. SWINNEY

31. Private Secretarial Duties*First term**2 points**Monday, 7.45-9.45*

MR. KILDUFF

34. Public Secretarial Duties*Second term**2 points**Friday, 7.45-9.45*

MR. SWINNEY

101-102. Seminar in Management*First and second terms**4 points**Friday, 6-7.45* ASSOCIATE PROFESSOR GALLOWAY and DR. GOWIN**MATHEMATICS****1-2. Advanced Algebra (Prerequisite: Entrance Algebra)***First and second terms**4 points**Saturday, 9.15-11.15*

MR. BECKER

3. Solid Geometry—Section A (Prerequisite: Entrance Plane Geometry)*First term**2 points**Friday, 4-6*

MR. BECKER

A morning session will be provided if ten or more students apply

3. Solid Geometry—Section B

This course is given in the Extramural Division as the equivalent of Solid Geometry, Section A, and will be accepted in lieu of that course.

*First term**2 points**Wednesday, 7.45-9.45*

MR. BECKER

4. Trigonometry—Section A (Prerequisites: Entrance Algebra and Plane Geometry)*Second term**2 points**Friday, 4-6*

MR. BECKER

A morning session will be provided if ten or more students apply

4. Trigonometry—Section B

This course is given in the Extramural Division as the equivalent of Trigonometry, Section A, and will be accepted in lieu of that course.

Second term 2 points

Wednesday, 7.45-9.45 MR. BECKER

5-6. Analytic Geometry (Prerequisites: Mathematics 1-4)

First and second terms 4 points

Wednesday, 4-6 MR. BECKER

7-8. Calculus (Prerequisite: Mathematics 5-6)

First and second terms 4 points

Saturday, 11.15-1.15 MR. BECKER

101-102. Advanced Differential Calculus (Prerequisite: Mathematics 7-8)

First and second terms 4 points

Monday, 4-6 ASSISTANT PROFESSOR THORNE

[103-104. Advanced Integral Calculus, and Differential Equations
(Prerequisite: Mathematics 7-8)

First and second terms 4 points

Not given in 1917-1918 ASSISTANT PROFESSOR THORNE]

[105-106. Higher Plane Curves. (Prerequisites: Mathematics 101-102, 103-104)

First and second terms 4 points

Not given in 1917-1918 PROFESSOR EDMONDSON]

Major: 5-6, 7-8, 101-102, and one additional course to be arranged with the head of the department

Minor: 5-6, 7-8, 101-102 or 103-104

MUSIC

For announcement of courses: see special bulletin of this department.

PHILOSOPHY AND PSYCHOLOGY

The following courses given in the School of Pedagogy and Graduate School are open also to students of the Washington Square College. For full description of courses consult the bulletins of the School of Pedagogy and the Graduate School.

Philosophy

7-8. Introduction to Philosophy

This course is designed to serve as a general introduction to philosophical study. It seeks to develop reflection in regard to problems which are certain to arise in the mind and to suggest their possible solutions. The discussions will be freed as much as possible from technicalities, and no preliminary training in philosophical study will be necessary. The four points of required work in Philosophy for students enrolled in Sections A and B may be met by this course.

First and second terms

4 points

Saturday, 11.15-1.15

PROFESSOR MACDOUGALL

9-10. Elementary Logic

This course outlines the forms of traditional logic, while it endeavours to show how logic relates to psychology and theory of knowledges. The four points of required work in Philosophy for students enrolled in Sections A and B may be met by this course.

First and second terms

4 points

Monday, 4-6

MR. STOUT

11-12. Ethics

A philosophy of life from the standpoint of ethical theory. The course presents and criticizes both hedonism and rigorism, and attempts to develop a third theory in the form of humanism.

First and second terms

4 points

Monday, Wednesday, and Friday, 12-1

MR. STOUT

101-102. The History of Ancient and Mediaeval Philosophy

A course of lectures on the development of ancient speculation, with readings from the writings of the leading thinkers. In addition to an analysis of classic philosophy in the light of antique culture, the course aims to distinguish between the spirit of Paganism and that of Christianity.

First and second terms

4 points

Saturday, 9.15-11.15

PROFESSOR SHAW

103-104. History of Modern Philosophy

The work of this course will include a study, first, of individual men and their contributions; and second, of the problems and general tendencies of the period. In both cases the development of philosophic thought will be considered in its relation to the history of human knowledge and ideals of life.

First and second terms

4 points

Wednesday, 4-6

PROFESSOR MACDOUGALL

[105-106. Advanced Logic*First and second terms**2 points**Not given in 1917-1918*

PROFESSOR HORNE]

117-118. Philosophy of Religion

A constructive study of the religious principle in mankind. This course asserts the independence of the religious precinct and endeavors to relate philosophy of religion to other forms of philosophical culture.

*First and second terms**4 points**Saturday, 11.15-1.15*

PROFESSOR SHAW

Psychology**1-2. Outlines of Psychology**

An introduction to the systematic study of Psychology. The course will begin with a description of the nervous system, its structural and functional organization, and its significance as a physical basis for a study of mental phenomena. This will be followed by a careful study of the more important facts of normal mental life—attention, perception, memory, reasoning, emotion, volition, etc. This course may be taken to meet the four points of required work in Philosophy for students enrolled in Sections A and B.

*First and second terms**4 points**Wednesday and Friday, 2-3 or**Saturday, 11.15-1.15*

PROFESSOR LOUGH

109-110. Educational Psychology

The course will include such topics as the natural and artificial conditions which determine the development of the typical forms of mental life, the formation and significance of various principles of teaching; the psychological basis of method. It will also include a discussion of imitation, apperception, induction, habit, interest, etc. Open to special students.

*First and second terms**4 points**Friday, 4-6*

PROFESSOR LOUGH

[111-112. Psychology of Adolescence*First and second terms**4 points**Not given in 1917-1918*

PROFESSOR MACDOUGALL]

113-114. Descriptive Psychology

This is a general course in normal human psychology. The conduct of the work, which is based on systematic reading, will depend largely on class discussion and include written themes.

*First and second terms**4 points**Saturday, 9.15-11.15*

PROFESSOR MACDOUGALL

115-116. Laboratory Psychology

The problems, methods, and results of experimental psychology are presented and subjected to critical examination. Students have an opportunity of becoming acquainted with the practical phases of experimentation through laboratory work.

First and second terms

4 points

Thursday, 4-6

PROFESSOR LOUGH

Major (Philosophy): 7-8, 9-10, 11-12 or 117-118, 101-102, and 103-104

Minor (Philosophy): 7-8, 9-10, and one other course

Major (Psychology): 1-2, 109-110, 115-116, 113-114, and 111-112

Minor (Psychology): 1-2, 109-110, and one other course

A combined Philosophy-Psychology major or minor may be selected with the approval of Professor Lough.

PHYSICAL EDUCATION

For announcement of courses, see special bulletin of this department.

PHYSICS**1-2. Elementary Physics—Section A** (Physics 3-4 must be taken simultaneously)

Introductory course for students not previously prepared in the subject. Lectures and the study of an elementary text. No student who has received credit for entrance in Physics may count this course towards a degree.

First and second terms

4 points

Thursday, 4-6

MR. LYNCH

1-2. Elementary Physics—Section B (Physics 3-4 must be taken simultaneously)

Given in the Extramural Division as the equivalent of Elementary Physics, Section A, and will be accepted in lieu of that course. May not be credited towards a degree by any student who has presented Physics for entrance.

First and second terms

4 points

Tuesday, 7.30-9.30

MR. ———

3-4. Elementary Laboratory Physics

Laboratory exercises in general physics for those who are taking Physics 1-2.

First and second terms

2 points

Saturdays, 2-4

MR. ———

5-6. General College Physics (Prerequisite: Entrance Physics or Physics 1-2 and 3-4)

A thorough survey of the several branches of the subject. The course is equivalent to Physics 30-40 of the College of Arts and Pure Science. Two hours of class work and two hours in the laboratory weekly.

First and second terms

6 points

Hours to be arranged for class work DR. HUNTER AND MR. ———

Laboratory, Saturday, 2-4

101-102. Properties of Matter (Prerequisite: General College Physics)

Lectures and reading on gravitation, elasticity, viscosity, surface tension, diffusion, kinetic theory of matter. Offered in the Graduate School and open to seniors of the Washington Square College.

First and second terms

4 points

Hours to be arranged. Given at University Heights DR. HUNTER

Note. The courses in Physics given at University Heights in the College of Arts and Pure Science and in the School of Applied Science are open to students of Washington Square College on permission, in each case, of the Head of the Department of Physics.

PHYSIOLOGY

1-2. Experimental Physiology (Prerequisite: One year of Chemistry, Physics, and General Biology)

One hour lecture and three hours' laboratory work per week throughout the year, covering such subjects as: The properties of surviving tissue; reactions of organisms to stimuli; properties of muscle and nerve; the muscle-nerve mechanism; the circulation and respiration; the central nervous system; the reaction time to sound, taste, smell and cutaneous sensations, and experiments on vision.

First and second terms

4 points

Saturday, 9-1

MR. PREWITT

3-4. Physiology (Prerequisite: One year of Chemistry, Physics, and General Biology)

This course will consist of lectures, demonstrations, and recitations on the most important parts of the subject.

First and second terms

4 points

Two hours per week in the afternoon throughout the year MR. PREWITT

Hours to be arranged

101-102. Physiology of Nutrition and Diet Selection

Lecture course with conferences, open to students who have completed sufficient preliminary work in physiology.

First and second terms

4 points

Friday, 3.30-5.30

PROFESSOR JACKSON

103-104. Advanced Physiology

Laboratory course. Laboratory fee, \$15. 104 is open, as a half-course in February.

2 points for each 60 hours' work

First and second terms

Afternoons, 2-6

PROFESSOR JACKSON

Major: To be arranged with the head of the department

Minor: 1-2, (3-4), 101-102, 103-104

SOCIOLOGY**1-2. Elements of Sociology**

The fundamental principles underlying society; the forces and motives of socialization; the methods of efficiency; the laws and causes of progress.

First and second terms

4 points

Monday, 6-7.45

ASSISTANT PROFESSOR BINDER

3-4. Social Problems and Reform Movements

An introduction to the systematic study of Sociology. The lectures will treat chiefly four topics during the first half-year: The Family, the Drink Question, the Labor Question, the Question of Modern Charity. During the second half-year important reform movements will be treated.

First and second terms

4 points

Monday, 4-6

ASSISTANT PROFESSOR BINDER

11-12. Social Aspects of Business and Public Affairs

This course aims to give an interpretation of the rôle which business and public affairs play in the development of society. Part one gives a brief description of the development of social personality. Part two treats of the rôle which business and public corporations play in this development.

First and second terms

4 points

Thursday, 2-4

ASSISTANT PROFESSOR BINDER

101-102. Principles of Sociology

The province of sociology; the elements, structure, forces and control of society; the laws and causes of progress.

First and second terms

4 points

Saturday, 11.15-1.15

ASSISTANT PROFESSOR BINDER

[103-104. Socialism

(a) Forerunners of socialism. The endeavor toward social amelioration of the sentimental, ethical and revolutionary reformers, such as St. Simon, Carlyle, Marx. (b) The Christian Socialists in America. (c) The development of Socialism in Europe and America as a political force.

First and second terms

4 points

Not given in 1917-1918

ASSISTANT PROFESSOR BINDER

105-106. Anthropology and Folklore

Description of human races; their distribution over the globe; types of languages and cultures. Primitive man, mental and physical, mythology, morality, religion and art; castes and their functions; laws and customs; their origin and development.

First and second terms

4 points

Thursday, 4-6

ASSISTANT PROFESSOR BINDER

[107-108. The Family and Eugenics

The first part of the course will give a full treatment of the family from the historical point of view; and the sociological bearings of each form will be brought out. The second part will treat of the various measures proposed and attempted for the improvement of the human race.

First and second terms

4 points

Not given in 1917-1918

ASSISTANT PROFESSOR BINDER

Major: 1-2, 3-4, 101-102, 103-104, 105-106

Minor: 1-2, 3-4, and 101-102

SPANISH**1-2. First Year Commercial Spanish**

The primary aim of this course is to enable the student to converse in Spanish. To that end careful attention will be paid to practical conversation and the essential points of grammar. This course is conducted almost entirely in Spanish from the very beginning.

First and second terms

4 points

Div. a, Monday, 6-7.45; Div. b, Friday, 7.45-9.45

MR. ITURRALDE

Div. c, Saturday, 9.15-11.15; Div. d, Tuesday, 5.30-7.15

3-4. Second Year Commercial Spanish (Prerequisites: Spanish I and 2, or a speaking knowledge equivalent to one year's work)

In this course, one or two simple Spanish texts will be used as a basis for a continued study of grammar but more especially as a basis for work in Spanish and for translation. Attention will be paid to writing, particularly to the writing of commercial letters.

First and second terms

4 points

Div. a, Tuesday, 7.45-9.45; Div. b, Saturday, 2-4. MR. ITURRALDE

5-6. Third Year Commercial Spanish (Prerequisites: Spanish I-2, 3-4, or the equivalent of two years' work)

This course is especially fitted for Spanish correspondents who wish to increase their ability to write correct and forceful Spanish. Besides translations and conversation a thorough study will be made of Spanish business letters. Although of a commercial nature, this course meets the needs of students who take it for cultural purposes.

First and second terms

4 points

Saturday, 4.15-6.15

MR. ITURRALDE

7-8. Fourth Year Commercial Spanish (Prerequisites: Spanish I-2, 3-4, 5-6 or the equivalent of three years' work)

This course will be a continuation of the work done in the third year with the addition of translations of a technical nature.

First and second terms

4 points

Friday, 5.30-7.15

MR. ITURRALDE

9-10. Modern Authors (Prerequisites: Spanish I-2, 3-4, or the equivalent)

In connection with this course the life and works of representative modern Spanish authors will be studied. Among the writers whose works will be considered are: Valera, Nuñez de Arce, Campoamor, Galdós, Benavente, Pereda, Echegaray, Blasco Ibañez and Pardo Bazán.

First and second terms

4 points

Saturday, 11.15-1.15

MR. ITURRALDE

11-12. History of Spanish Literature (Prerequisites: Spanish I-2, 3-4, or the equivalent)

The purpose of this course will be to familiarize the student with broad outlines of Spanish Literature. A careful study of the literary movements will be made and a selected list of authors



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New York University

offered but not required. The course, which will be given in Spanish, is especially valuable to students majoring in English, French or Italian.

First and second terms

2 points

Hours to be arranged

MR. ITURRALDE

[13-14. The Spanish Writers of the Golden Age.

DR. BINNET

First and second terms

Not given in 1917-1918

MR. ITURRALDE

Major: 3-4, 5-6, 7-8, 9-10, 13-14

Minor: 3-4, 5-6, 7-8

TRADE AND TRANSPORTATION

The following courses given by members of the faculty of the School of Commerce, Accounts and Finance are open also to students of the Washington Square College. For full description of courses consult the bulletin of the School of Commerce.

1. Railway Freight Traffic and Rates

First term

2 points

Tuesday, 7.45-9.45

PROFESSOR CLAPP

2. Railway Freight Traffic and Rates (continued)

Second term

2 points

Tuesday, 7.45-9.45

PROFESSOR CLAPP

21-22. European Trade and Industry

First and second terms

4 points

Tuesday, 6-7.45

DR. RACCA

25-26. Latin-American Republics, History, Resources, Commerce

First and second terms

4 points

Thursday, 4-6

DR. AUGHINBAUGH

THE WOMAN'S LAW CLASS

This course includes General Principles involved in the following topics, viz.: Elementary Jurisprudence, Contracts, Sales, Agency, Wills, Negotiable Paper, Property, Mortgages, Torts, Evidence, Equity, Partnerships, Corporations, Constitutional Law, Criminal Law and

vers. arts.

alm class room work is devoted partially to practical questions: Contracts,

First and second terms of Wills and Deeds, form and effect of Bills and Notes, Powers

Div. a, Monday, other instruments.

Div. c, Saturday, 9.15-11.15, 1918

3 points

- m. or p. m.